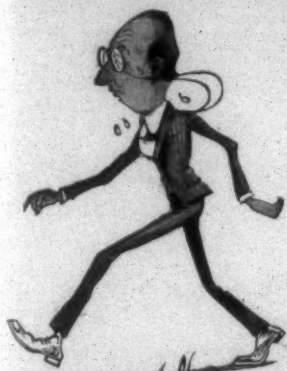


SOUTHERN TEXTILE BULLETIN

VOLUME XIX.

CHARLOTTE, N. C., THURSDAY, APRIL 29, 1920

NUMBER 9



Get upon Walk
Official
time killer
in your office

IT IS A SIGNIFICANT FACT
[that the Southern Cotton Mill Stocks showing the highest quotations are those mills which have turned "waste time" into "earning time" by use of

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Automatic
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Mail the coupon today and let our Sales Engineer give you a ten-minute no-obligation demonstration right in your office.

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For All Warp Sizing

will make your weaving run BETTER. Needs no other compound, oil

or tallow. Carries the starch into the yarn where it will not shed.

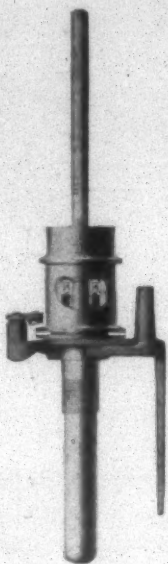
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Production From The Looms*

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**Allen Ball Bearing
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From Twister and
Power Saving This Year

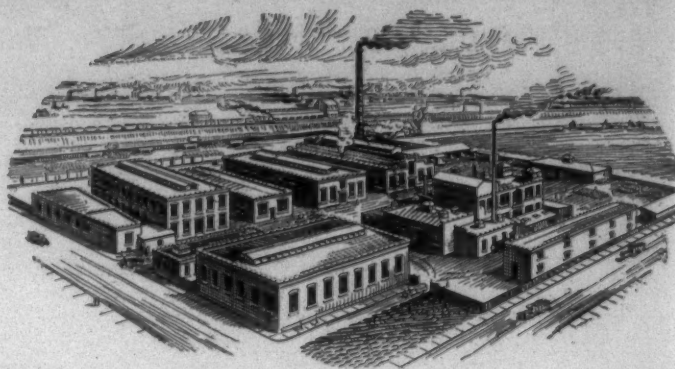
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BASIC
DEVELOPED COLORS**

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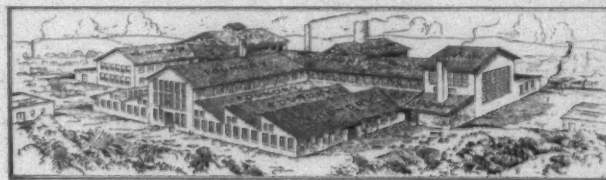
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3500 spindle Twine Mill. consisting of 12 acres land, 8 tenant houses, two-story brick building, two warehouses, engine and boiler rooms, dye plant. Mill now in operation. Write or wire for detail specifications. Being offered at an attractive price to close up an estate.

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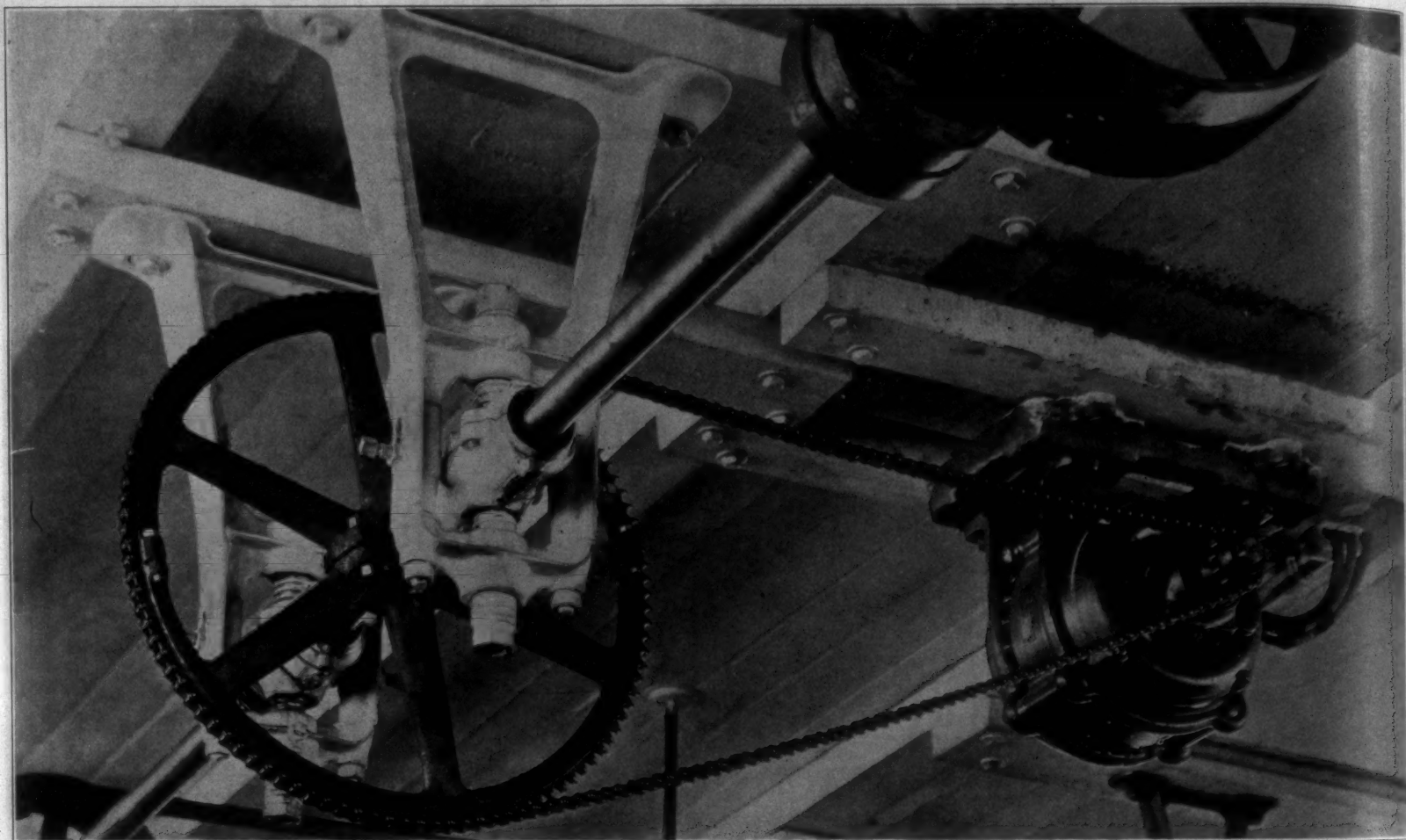
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Do you use Two Motors to drive one Line Shaft?



*A few of the Hyatt Roller Bearing Hangers in the plant of the Diamond Chain & Mfg. Co., Indianapolis, Ind.
"Used for years with uniform satisfaction"*

Practically all of the users of plain babbitted hangers are using two motors to drive one shaft even though they do not realize it. This 25 H. P. motor is driving a line shaft turning easily in Hyatt Roller Bearing Hangers. If the line shaft had to contend with the dragging friction of ordinary babbitted hangers the 25 H. P. motor would need an additional 5 H. P. motor to drive the line shaft. Hyatt Roller Bearing Hangers save from 15 to 25 per cent of the total power, which is the reason why this 25 H. P. motor does the work of a 30 H. P. motor. On every \$1,000 spent for power you can save \$150 to \$250 by eliminating friction.

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Hyatt Bearings For Line Shafts

SOUTHERN TEXTILE BULLETIN

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VOL. XIX.

CHARLOTTE, N. C., THURSDAY, APRIL 29, 1920

NUMBER 9

National Cotton Manufacturers Convention

Boston, Mass.—The necessity of acquiring the good will of employees through their education in the fundamentals of economics and business was the topic to which the opening session of the 108th annual meeting of the National Association of Cotton Manufacturers, held at the Copley-Plaza Hotel, Boston.

Charles W. Eliot, president emeritus of Harvard University, declared education to be the only means of relieving the tension among workers and employers. The most helpful means of education, he said, is through the introduction of the co-operative management plant, through which the worker learns the business, finds out the means of removing discontent, discovers slackers and is ruthless in his demand for their discharge.

Dr. Eliot also endorsed the use of moving pictures as a means of education, particularly for the illiterate. This method was previously advocated by Mrs. Ethel Thomas of LaGrange, Ga., author and former mill worker, in her paper on "Welfare Work in Southern Mills." He expressed doubts as to group insurance and said he thought there was some good in collective bargaining, unless it was to be enforced by nation-wide strikes when it would become highly dangerous. As to voluntary concessions, he declared we must be certain that they are voluntary.

"No one can say what profit and prosperity will result," he declared, "if good will can be established in place of the present ill will. It is of utmost consequence that the matter of education be taken up immediately. We need desperately a great moral revival and in your hands is one of the best measures of bringing it about."

Dudley R. Kennedy, Philadelphia, speaking on "A Fuller Understanding of Fundamentals Our Greatest Need," declared that absolute confidence between capital and labor, which does not exist now, is the only way to industrial good will.

Mr. Kennedy blamed the management in a large measure for conditions, declaring that the old friendship between superintendents and workers is gone, and with it the mutual confidence that used to exist. He declared that the workers are still referred to as "hands" and are not given credit for having brains. Demands for higher wages and

shorter hours are due to honest misapprehension of fundamental facts on the part of workers, he declared. The management has been too busy to take time to instruct the workers in the fundamentals of economics and business. Because of this inactivity by the managers and the activity of radicals, who realize that the workers do think, workers honestly believe that the business makes 10 to 100 times as much as it actually does.

The only way to break down this belief is to give the workers some facts. "The day of secrecy about the inner workings of business has gone by, whether you like it or not," he declared. "If workers understood the real situation, this industrial unrest would collapse. The average worker is fair when he knows the facts."

"Sitting in conventions and damning the workingmen are not going to help the situation one iota. Educate him. You call him a 'hand' in the daytime and he is using his noodle at night, and not in your interest generally."

"The foreman, too, is slipping away and thinking more in terms of worker. He is the man who must put this confidence over. Educate him first so he can be your spokesman. There is no place for the driver. There must not be a place for more production for greater profits, but for the welfare of every man. The profiteer is more reprehensible than a radical, for he is a breeder of radicals."

Sherman Rogers, of New York city, discussing the subject of "Direct Action versus Inaction," declared that the workers of this country are getting a first class education in radicalism, while American citizens, with their advantages in facilities, are doing nothing to combat the propaganda which is being circulated. He said that while America always wakes up to danger and proves herself 100 per cent sound in a crisis, the present spread of radical activities should be regarded as a grave danger, to be fought through the teaching of right thinking and the dissemination of right information.

Boyd Fisher, of Philadelphia, championed "collective bargaining as a basis of greater efficiency." He believes that industrial corporations could get best results by voluntary adoption of collective bargaining, not union made, before friction

arises because of its absence. The cost is greater at first, he said, but infinitely less in most cases in the long run.

Group insurance as a means of wage adjustment and as an approach to solution of the problem of unrest on the part of the workers was endorsed by E. E. Rice, of this city, in the paper which he read. Mr. Rice pointed out that such a system of disability and life insurance, established on a basis of mutual participation, should not be regarded as a gratuity to workers, since the American worker scorns paternalism and suspects "welfare work" as a substitute for higher wages. It should reflect the saving to the employer by elimination of the cost of breaking in new workers, and by the increase in a steady worker's efficiency. Mr. Rice also outlined the scheme of insurance which he advocates.

The general discussion which followed the addresses of Mrs. Thomas and Messrs. Fisher, Rogers and Rice was opened by James Thomson, chairman, with a brief resume from the manufacturers' point of view.

He favored the education of foremen and employees also. As to collective bargaining, he declared that the manufacturer who treats his employees as human beings, honestly trying to apply the golden rule, will not get very far away. Group insurance, he said, is per se, a help getter and help holder, but if all manufacturers adopt it, its value is decreased.

He said that it meant simply adding to the payroll and getting nothing in return. Replying to this view, E. E. Rice, Boston insurance man, pointed out that insurance enables a man to return to work from illness all the less in debt and with less worries, enabling him to work better.

It also helps the community generally and thus the factories in the community, he said. Proper administration and the investigation of absentees, he said, would overcome the possibility of workers taking unfair advantages and getting sick on any pretext.

Ballard Dunn, New York insurance man, declared that group insurance helped build up a co-operative and family spirit on the Union Pacific Railroad.

One of the speakers at the session, devoted to a group discussion of "The Growing and Handling of

Cotton," was H. M. Cottrell, of Little Rock. Mr. Cottrell pointed out that at the present time growers are producing in absolute ignorance of the needs and desires of the manufacturer, and he showed how the latter can co-operate with the grower in a great many ways. Such co-operation, said Mr. Cottrell, would increase by 50 per cent the present cotton crop valued at \$2,000,000,000 annually. Mr. Cottrell's remarks are reported in more detail on another page.

The medal committee has awarded the association medal to Rufus R. Wilson "for the conception and organization of the World Cotton Conference."

A special medal was awarded President Shove "for conscientious and efficient service as president covering the period of the war."

The committee on buying and storage recommended warehouses licensed by Federal Government and controlled by neutral parties, and that loans on cotton owned by parties controlling these warehouses should be refused by National banks.

Spinners have been disappointed with the New York future market, the report stated, as it has in no way been a safe hedging operation. The committee recommended that questions of tendering cotton at points outside New York and New Orleans should be discussed with a committee from the exchanges and that the present rules governing deliveries should be changed so that more grades can be delivered.

Proposed changes in freight rates should merit closest investigation by special committee from association, it was urged.

The special committee on proposed industrial rates bureau reported that the general belief is that railroads will seek increase in rates of 40 per cent for New England, 20 per cent for Middle West, 25 per cent for Far West and 15 per cent for the South. Such increases will make increase to Northern mills out of proportion with those to Southern mills, it was stated.

In view of this situation, and other considerations, such as shortage of freight cars and possible increase in car service charges, the committee recommended immediate creation of an industrial rate bureau and invited co-operation of other national associations in this important work.

The industrial research commit-

tee recommended the appointment of a field secretary with technical training and cotton mill experience to work under the direction of a committee.

At the concluding business sessions Russell B. Lowe, of Fitchburg, Mass., was elected president.

Other officers were elected as follows: Senior vice president, James Thomson, New Bedford; junior vice president, Robert Amory, Boston; directors, Nathan Durfee, Fall River; Charles M. Holmes, New Bedford; John E. Rousmaniere, New York; Samuel Stewart, Lewiston, Maine; E. Kent Swift, Whitinsville, Mass.

Russell B. Lowe was toastmaster at the banquet. Following were the speakers: Wills H. Booth, Joseph H. Choate, Jr., Colonel Ames A. Fries, Percy R. Todd, Dr. Jos. Fort Newton.

The following resolutions were reported by the committee on resolution and were adopted:

"The National Association voices the unanimous sentiment of the American people that peace should be consummated without further delay. We believe that United States should give unmistakable assurance, compatible with the Constitution, to the nations allied with us in the great struggle for world liberty that we will stand again as we stood in the past, with all our resources of men and money for the preservation of civilization, for the maintenance of world liberty and for the security of the rights of humanity on land and sea.

"As we bore a part in terrible fighting that brought victory to allied arms we should bear our part in peaceful ministrations needed throughout a stricken world.

"Only an industrious nation can be contented and prosperous and we welcome the revival of industry in the nations torn and devastated by the ravages of war. This has been a fit and proper time for international co-operation, but as the nations recover their full measure of industrial strength will again come international competition.

"We have developed by wise economic measures a higher standard of living in this country than in any other country on earth. We pay here the highest wages paid in the world. America is an industrial democracy where is not merely a class of workers, but all classes work. It is a system whose foundations are laid upon broad national policy of production. If we are to retain our place as the foremost manufacturer in country of the world and maintain the high standard of wages and industrial efficiency, it will again become necessary to apply that policy of protection which has diversified industries, multiplied opportunities for employment and made us strong and prosperous.

"The National Association urges loyal co-operation between employees and employer in order that the increased production of the necessities of life may more nearly

equal the demand for goods and thus reduce the high cost of living. We believe that the worker is entitled to a fair wage, to healthful conditions of labor and to reasonable working hours.

"We believe that the war time profits and wartime taxes should give place to the reasonable profits and reasonable taxes of times of peace. We stand for orderly government under the law; for a square deal for capital and labor; for equal opportunities for all our citizens; for Americanization of the foreign born within our borders and for loyalty to our Constitution and our flag in peace as well as in war.

"Whereas, Congress, by the passage of the transportation act, has declared it a national necessity that the railroads shall function continuously and efficiently, and has empowered the Interstate Commerce Commission to so regulate and supervise them that this purpose be accomplished.

Resolved, that the National Association of Cotton Manufacturers pledges its support to the commission, and assistance to the carriers in the efforts to so readjust rates so that advances will be equitably distributed, without unwisely distributing the present territorial or commodity relationships.

"Resolved that the National Association of Cotton Manufacturers pledges its assistance to the individual carriers, where the conditions under which they serve the public may warrant special consideration in the division of earnings upon traffic handled jointly with other carriers. And be it, finally,

"Resolved, that the National Association of Cotton Manufacturers pledges assistance to the carriers in their efforts toward efficiency in operation and conservation of equipment by prompt loading and unloading of cars, and by loading individual cars to their maximum capacity in so far as is possible."

Miss Jessie F. Turner, who conducts a woman's specialty shop in New York, and who was formerly a buyer for Bonwit, Teller & Co., urged upon the mill men the importance of giving serious consideration to the esthetic development of cotton fabrics.

"It is my belief," she said, "that the cotton industry of our country has still untouched an enormous field of opportunity. Its great achievements of place and distinction makes it seem fitting that it should now reach out for the higher developments—to meet the esthetic needs. In fact, I am of the opinion that to maintain its present strong position, it must give more attention to design. It must create something distinctively its own. By that I do not mean that it should or could, make designs wholly foreign to anything done before—for that, of course, is impossible—but it can create a national distinction. Surely, the life of our people, our manner

of living, and the American tradition has a message of its own."

She declared that she has frequently reached out for cottons, as a matter of choice rather than economy, but has never found in this country designs of sufficient interest for her use.

W. H. Dooley in a speech on the need for a New York textile school, said that there are 800,000 persons engaged in the New York textile trades and suggested that the schools should develop skilled mill operatives. It is a wrong policy, he said, to get help by seducing workers from other mill centers. The skilled help supply should be increased, he said, in expressing the hope for co-operation of the association with the school work and the selection of a board of mill men to perfect the study curriculum.

A. A. Talmage, of New Bedford, told of newspaper advertising by the New Bedford mills to educate and Americanize the workers and to fight discontent and avoid unjust demands.

H. C. Meserve, of the National Industrial Conference Board, said there can be no successful form of collective bargaining outside of the employer and his own individual employees. He said the wage increase in the cotton industry is 169 per cent for men and 179 per cent for women, for the hourly wage, and 155 per cent for the daily wage. The increase in living cost is 96 per cent, making the wage increase 60 per cent making the wage increase 60 per cent surplus. Cotton wages he said are 15 per cent over the average throughout the country, based on reliable information.

The advantages of mutual liability insurance service were explained by William M. Burch of Boston. He pointed out among other things, the simplicity of the average contract of the mutual companies, the stability which this system provides, and the increased morale of employees as a result of the promptness in payments of benefits by mutual insurance plans.

He also pointed out that since every mutual company has a safety department whose object is to prevent accident, this has a direct influence on the rate paid by the participants in the service.

Rehabilitation of the insured is another important factor in the work of the mutual insurance service. He also pointed out that the mutual company offices are managed most economically and that this permits a large part of the saving in expense to be used for prevention and reduction of losses and rehabilitation of the injured to the advantage alike of employer and employee.

The final day of the convention opened with presentation of the association medal to Secretary Rufus R. Wilson for the organization of the world conference at New Orleans, and a special medal to W.

Frank Shove, retiring president for his efficient work during the world war. Peter H. Corr made the presentations.

Various "Problems of Mill and Counting Rooms," were discussed in papers read as scheduled.

The discussion following James E. Sirrine's paper on "Recent Changes in Mill Construction," disclosed that many cotton manufacturers prefer old type of mill to the concrete constructions which, it is maintained, are not flexible enough though some expressed opinions favoring the concrete building and using cushion under machinery. It was pointed out that trouble from sweating will be experienced on top of concrete mills unless there is proper insulation.

Uniform cost accounting, discussed by Charles R. Stevenson, caused considerable discussion, the prevailing opinion being that there is room for improvement in cost systems. Some questioned the feasibility of a uniform plan, but Mr. Stevenson pointed out that he did not mean to make all costs uniform, but to have uniform method of treating costs.

The Ashley paper on oil brought numerous questions most of which were answered when he stated he did not advocate oil under present conditions, but rather urged changing back to coal for those now using oil.

The "punch" of the convention was delivered by Sherman Rogers, New York, former lumberjack, miner, steel worker and stock yards man, who talked to the manufacturers from the workers' viewpoint.

"Ninety-nine per cent of the workers are square," declared Mr. Rogers. "If they are wrong it is because you or some one in your community is to blame. The worker doesn't go wrong by himself."

He told of William Heywood going into the woods in Washington with 350 agitators, quietly spreading false propaganda and signing up 46,000 lumberjacks in the I. W. W.

"The figures they gave were all wrong, but they were never refuted and the men could only believe them true," he said. "We could have refuted them if we had red blood like 'Bill' Heywood."

"I have no new-fangled idea about talking to laboring men, but if you men really want them to have a square deal you will find a way. It has only failed where manufacturers did not have their hearts in it. Put a red-blooded he-man among your men to talk to them in language they will understand. Don't use a correspondence school man. Have faith in the worker. Give him your confidence and he will give you his. Give your loyal workers the same education along lines of truth that 'Bill' Heywood gives his agitators along lines of falsehood and you will succeed. And don't be afraid of Bolshevism. It's bunk. The country is in no danger from revolutionary Bolsheviks."

(Continued on Page 28.)

DOBBINS SOAP MFG. CO.

PHILADELPHIA

For Over Half a Century Makers of High Grade Soaps and Scouring Materials for Textile Manufacturers. Dobbin's Cotton Softener a Specialty

The Movie as a Medium For The Protection of Industrial Interests

(By Mrs. Ethel Thomas, LaGrange, Ga., before American Cotton Manufacturing Association.)

I was pleasantly surprised to receive from your secretary, Mr. Wilson, a cordial invitation to be present on this occasion, and still more surprised when my kind friend, Mr. Fuller E. Callaway, arranged for me to accept the invitation at his expense. I am here because he believes in and heartily endorses my work.

Mr. Callaway selected me one year ago to edit *The Shuttle*, a mill paper published in LaGrange, Ga. (not for his seven mills alone—he is too big and broad for that), but for mill people everywhere. He wanted me to have control of a publication through which I could carry on my work without restriction; and without any traveling representative subscriptions poured in from every source till we now have a circulation of 4,000 in several states.

This is the first time in my life I have stood before an audience to speak of myself and work; to do so is foreign to my nature and a bit embarrassing, and although it is necessary to be personal, I shall try to remember my life's motto—"Service"—the inspiration of my every effort and the motive which has always guided my pen.

I do not wish to stand before you in a false light. I want you to know me as I am—first, a country girl

from the red hills of North Carolina, and then a mill woman of South Carolina, who has taken advantage of every opportunity offered along life's way for improvement. So far as I know, I am the only practical mill woman who has become an editor and author.

I wasn't "born with a silver spoon in my mouth," but perhaps I was born with a pencil in my hand. I can't remember when I began to read and write; but I do remember that my parents were often worried over my insatiable craving for books that were hard to procure and that they tried to discourage the vivid imagination that led me, even as a child, to write stories. I was considered an "odd chick" in our little family.

I went to school four months per year, walking two miles through rain or shine, sleet or snow, crossing slippery footlogs that spanned icy streams to reach the one-room log school house with its stick and dirt chimney. The seats were "peg-legged" pine slabs without backs; the writing desk was a low shelf running the length of the room. School kept us eight hours per day, strictly. That was the extent of my schooling, but by no means the extent of my studies. O, how I would have appreciated the wonderful op-

portunities that are given children today.

Husband and I were very young when we married and tried to make a living farming. Successive bad crop years forced us to the mill, where twenty years ago five or six dollars a week was considered good pay for plain weaving. There are plenty of weavers now who make as much per day on the same grade of goods.

After we moved to the mills, I soon became an expert weaver. My ambition was to be the best. But even then, I kept up my studies, and wrote many sketches while between the looms for papers and magazines. We worked in Newberry Cotton Mills twelve years; I knew nearly every family in the village, helped to dress new babies and brides, nurse the sick and bury the dead.

In October, 1910, I went from between the looms to accept a position as assistant editor of a paper published in Wadesboro, N. C., and my first trip outside the Carolinas, was when I went as press delegate to the Democratic Convention in Baltimore, escorted by Mrs. S. H. Willey and son of Washington, D. C., who had as much fun over my inexperience as I got out of the convention.

After two years with the Wadesboro Messenger, I was offered and

accepted a better position with *Mill News*, Charlotte, N. C., which placed me right back with mill people; and there I found my life's work. Through my travels which took me over Virginia, North and South Carolina, Georgia and Alabama, and through my writings, I could come in close touch with the people I loved so dearly, and could inspire, encourage and help them, tactfully leading them to think along safe and sane lines to arrive at proper conclusions for themselves. This could best be done through stories of mill life, and these being published in *Mill News* increased that paper's circulation wonderfully and doubled its value as an advertising medium; for, even the officials were interested.

"Only a Factory Boy," "From Ball Room to Weave Room," "The Better Way," "Will Allen—Sinner," "For Her Children's Sake," "Bobbie's Bonus," "The Way of a Man," "Hearts of Gold," and "The Way of a Woman," have appeared serially, the first four being later published in book form. The high cost of publishing has made it impossible for me to have the others put into books, though they are called for constantly and should be in every industrial home.

(Continued on Page 14.)



LEATHER

The Best Material For Belting

"MONARCH"

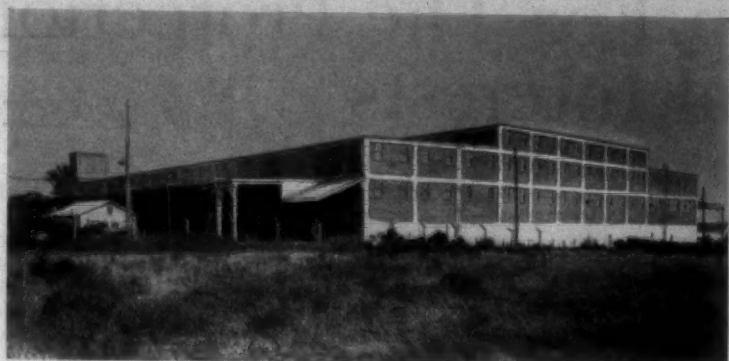
The BEST LEATHER Belt

Therefore "MONARCH" Leather Belting is the ideal drive for textile mills. No drive is too hard for Monarch—it is built for hard drives.

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A. H. Nickerson
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American Agricultural Chemical Co.
JACKSONVILLE, FLA. 8 Buildings for this client

96,700 Sq. Ft.

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THE fact that 72% of all our work has been repeat orders and that nationally-known concerns such as those listed below have given us repeat contracts again and again—often without competition—is evidence that we have finished as promised, that our work was good and the costs right.

Standard Oil Co.	29	Bldgs.
Vacuum Oil Co.	31	"
Amer. Agricult. Chem. Co.	8	"
American Can Co.	8	"
Colgate & Co.	5	"
American Woolen Co.	5	"
Great A. & P. Tea Co.	10	"
Bush Terminal Co.	22	"

"TURNER for CONCRETE"

Turner Construction Company

R. A. WILSON, Contract Manager

CHAMBER OF COMMERCE BUILDING, ATLANTA, GEORGIA

POTATO CORN STARCH

Tapioca Flour Sago Flour
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For SIZING and FINISHING
Oxalic Acid

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Providence

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Chicago

Cleveland

Cincinnati

Favors Individual Research Work by All Textile Mills

The establishment of individual research laboratories in the textile industry was urged upon the mill men by Harrison E. Howe, of the National Research Council, of Washington, who spoke on "The Economics of Research."

"There is every reason" said Mr. Howe, "why the textile industry should foster research and should support it in every way."

"There is a great deal to be said in favor of individual laboratories, for an industry surely gets the most from research when it makes it an intimate, internal part of its organization and uses it just as any other necessary department of the establishment. It is recognized, however, that many fundamental problems are of such breadth that no one concern can properly do the work as thoroughly as is required, and since others in the same field must build up their detailed plan upon exactly the same fundamental information, an opportunity for co-operative work is presented. Such co-operative work can proceed very extensively and yet in no way interfere with wholesome competition. There must be a science in an industry before it can be applied. Research seeks to provide and develop such a science."

Mr. Howe emphasized his plea for the development of research by citing many industries in which research has been responsible for tremendous savings and remarkable accomplishments.

He cited synthetic indigo as "the classical example of investment in research and the necessity for sustaining the work over a period of years." He also referred to the expenditure by the du Pont Company during 1915 and 1918 of \$3,360,000 for research. "While the savings may not be stated with accuracy," he added, "it may be said that they are many times that sum."

Continuing, Mr. Howe said:

"There can be little question but that upon the introduction of science into an establishment, the employees find a new interest and that, as a rule, those industries employing science attract the more desirable workmen. Indeed, the employer no longer looks upon his business as a more or less monotonous round, but finds in it something with new interest, something which may be developed along new lines, and his work takes on added pleasure. I once found a \$20 bill whose owner could not be located, but I have not derived my living by such chance discoveries. I have never found another. Many industries seem to depend on such chances, but substantial progress comes from organized, persistent search."

In conclusion, Mr. Howe said:

"Notwithstanding all that research has done and is capable of doing, I would not have you think that this type of work can be conducted with certain monetary profit in every experiment. If you would reap the harvest you must sow the seed and sufficient seed to insure adequate results. We cannot always choose the winner, but if a reasonable number

of projects are developed under competent guidance and with proper support, research never fails to make an adequate return upon the venture. Even negative results have been known to have great value. Organizations that adopt research as a permanent policy and pursue their work year in, year out, find, despite the failures, that the move has been a wise one.

Substitution of Oil for Coal as Fuel.

Discussing the substitution of oil for coal as fuel, Frank M. Ashley, of New York, enumerated the many advantages to be obtained by the use of fuel oil, among which he named the following:

1. A reduced cost of maintenance.
2. Absence of coal dust, dirt and ashes.

3. Ease with which fires can be regulated from a low to a most intense heat in a short time.

He also pointed out the great saving in labor of all kinds—firemen, coal passers, and ash handlers, as only one fireman is required to operate from 10 to 15 boilers.

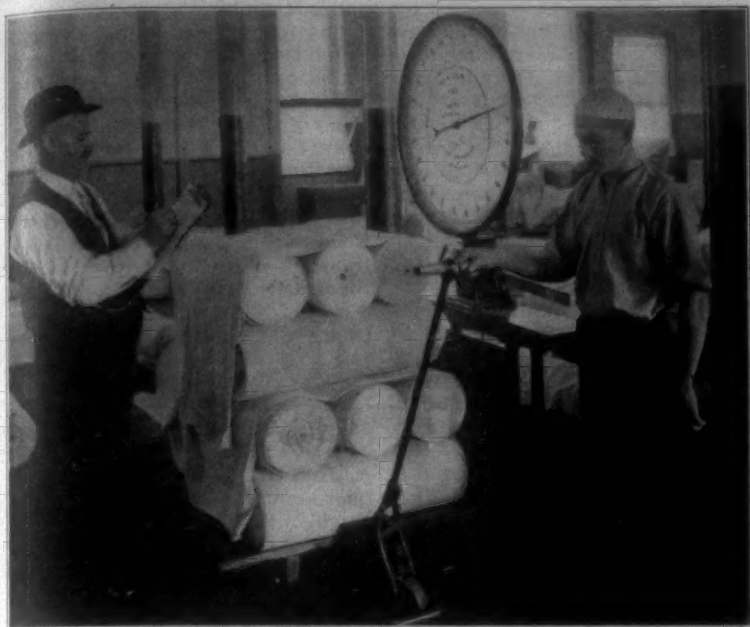
"It appears from recent investigation that the use of fuel oil has grown to such proportions that the demand far exceeds the supply and is increasing relatively faster than the supply, consequently the price of oil has increased rapidly, and unless a further supply can be obtained from our fields or from foreign fields, oil will soon be too expensive for use in steam boiler plants on land, since its advantages for fuel are such that the uses for marine purposes will absorb practically all that can be obtained," commented Mr. Ashe.

"The demand of the shipping program alone will call for oil in quantities equivalent to nearly one-half of the present domestic output."

"Unless hydro-power or other facilities are further developed in California, there will be required in 1920 for steam generation, 3,000,000 to 3,500,000 barrels of fuel oil, being an increase of between 500,000 to 700,000 barrels."

"One of the things that will conserve oil is a new fuel known as 'col-loidal fuel.' It is a combination of carbonaceous materials, which components are so combined and so treated as to form a stable fuel capable of being atomized and burnt in a furnace in the same manner as oil and practically without any changes in the oil equipment. All kinds of oils and solid carbons may be used. The cheap coal breakages and wastes are all available. The coal or carbon particles are maintained in a state of suspension in the oil during the time required before use—be it days, weeks or months."

In concluding Mr. Ashley says he would not advise any manufacturer to change his plant without first determining, through the advice of a competent efficiency engineer, what should be done to increase his economy in the use of fuel after the local conditions have been carefully studied and the fuel situation as a whole carefully analyzed.



This picture shows a Kron Automatic Scale, platform type, in a prominent Southern Textile Mill.

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Universal winders, 6" tubes or cones

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About 18,000 Draper No. 2 spindles and bases

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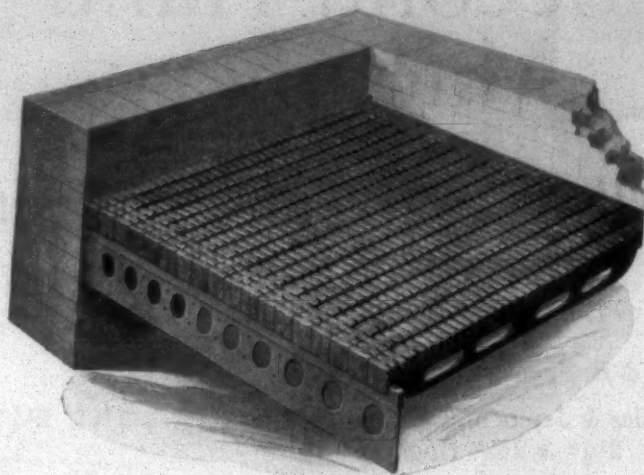
All of this machinery is
being replaced, not on
account of the condition
it is in, but to make room
for machinery to make
denims.

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Rock Hill, S. C.

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YOU pay for power according to the fuel consumed, not according to the power your plant requires.

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LINCOLNTON, N. C.

Telephone Systems in Cotton Mills.

The following Southern mills have installed a complete equipment of the Select-O-Phone, an automatic inter-communicating telephone and mill call system:

Georgia.

Perkins Hosiery Mills, Columbus; Thomaston Cotton Mills, Thomaston; Grantville Hosiery Mills, Grantville.

North Carolina.

Erlanger Cotton Mills, Lexington; Gibson Manufacturing Company, Concord; Edna Cotton Mills, Reidsville; Mays Mills, Inc., Mayworth; High Point Hosiery Mills, High Point; Carolina Hosiery Mills, Winston-Salem; Loray Mills, Gastonia; Scotland Neck Cotton Mills, Inc., Scotland Neck; Greenville Cotton Mills, Inc., Greenville; St. Paul Cotton Mill Company, St. Paul; Kerr Bleaching & Finishing Works, Concord; Roberdel Manufacturing Company, Rockingham; Cliffside Mills, Cliffside; Clayton Mills, Clayton; King Cotton Mills, Burlington; Rocky Mount Mills, Rocky Mount.

South Carolina.

Brandon Mills, Greenville; Newberry Cotton Mills, Newberry; Columbia Mills, Columbia; Judson Mills, Greenville; Monaghan Mills, Greenville; Victor-Monaghan Mills, Greer; Inman Mills, Inman; Easley Cotton Mills, Easley; Lancaster Cotton Mills, Lancaster; Mollohon Manufacturing Company, Newberry.

Tennessee.

Standard Processing Company,

Chattanooga; American Bag Company, Memphis.

The following mills have recently purchased this equipment for installation:

Hamburger Cotton Mills, Columbus, Ga.; Swift Manufacturing Company, Columbus, Ga.; Hartsville Cotton Mills, Hartsville, S. C.; Oakland Cotton Mills, Inc., Newberry; Duncan Mills, Greenville, S. C.; Greenwood Cotton Mills, Greenwood, S. C.; Hamrick Mills, Gaffney, S. C.; Dan River Cotton Mills, Danville, Va.

Diamond State Fibre Company Opens Southern Office.

The Diamond State Fiber Company of Bridgeport, Pa., have opened a Southern office at Greenville, S. C., with Mr. A. M. Fraser as district manager. Mr. Fraser is in position to give Southern textile mills direct personal service in the matter of supplying and maintaining the mill equipment which his company manufactures, such as roving cans, riveted and seamless, trucks, mill boxes and baskets, and textile specialties such as hobbin heads, spool heads, etc.

Pickett Cottons Mills, Inc. High Point, N. C.

T. L. Saunders, Jr., Supt.
J. H. McKennon, Carder
J. H. McKennon, Carder and Spinner
H. W. Smith, Slasher and Weaver
H. W. Horne, Cloth Room
S. A. Jones, Master Mechanic

BARGAIN TEXTILE MACHINERY

- 2—2 $\frac{1}{4}$ " Draper Twisters, 144 spindles each.
- 2—Ball Warpers.
- 1—9 can Butterworth Warp Dyers.
- 1—22 can Butterworth Starch Mangle.
- 20—50 spindle reels—Tompkins, Whitin, Lindsay Hyde.
- 1—120 spindle Saco-Pettee Spooler, 4x6, single rail spindle

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GENERAL OVERHAULERS OF

Cotton Mill Machinery

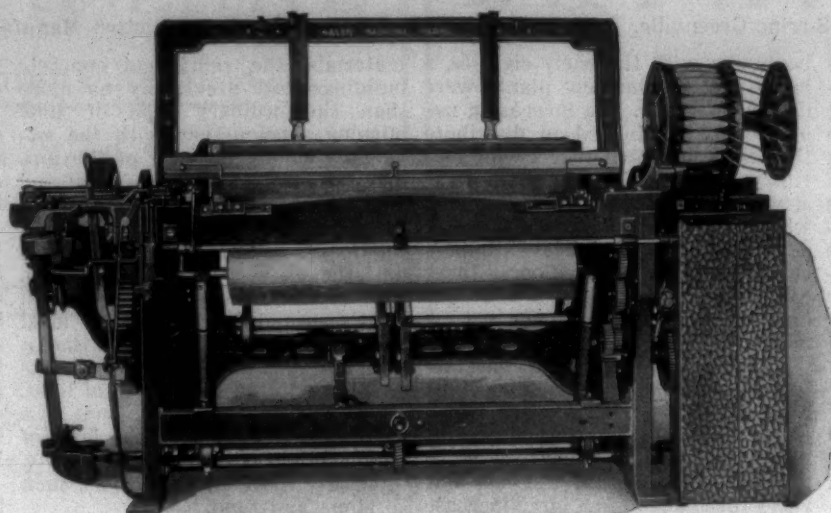
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Recent Changes in Mill Design

(Address by James E. Serrine, Greenville, S. C., before the National Association of Cotton Manufacturers.)

It is difficult in a paper of this character to present anything absolutely new or radical, and it is not to be expected in an industry so standardized by time and experience that startling or radical changes can be successfully introduced nor is there much likelihood of a wide departure from conventional methods in the manufacture of textile products. No attempt will be made to cover the subject in great detail, nor to discuss the relative value of different makes of apparatus.

The design of textile plants has followed the development of power and transportation facilities, and has been greatly influenced by changing conditions in prices of raw material and labor.

In the early days of the industry, when the serious question was to obtain power to drive the plants, and when labor was both cheap and abundant practically all of the mills were located on the streams where water power could be secured for direct mechanical transmission.

In this stage of the art, masonry walls with timber joisted floors was the most general type, and many examples of this type of construction are still to be found, especially in New England.

The improvement of the Corliss engine and the development of transportation changed the industry from practically all water power plants, and for a number of years,

beginning with the early eighties, a large part of the new plants were driven by steam. The increasing use of steam also tended to distribute the textile industry over a wide territory. With the introduction of the slow burning type of construction, which consisted of masonry walls, generally brick, and heavy timbers carrying heavy plank floors, there came a standardized type of buildings which remained unchanged for many years.

With the last decade the constantly increasing price of brick and timber together with the growing scarcity of the latter, has forced the industry to look for other classes of materials, and within the last few years there has been a large increase in the amount of reinforced concrete used for mill buildings.

When labor and machinery could both be obtained at very low prices, there was not an urgent economic necessity for securing high production per unit, either of labor or spindle, but with the rapid increase in prices during the last few years the situation has radically changed and every manufacturer should now bend his energies toward securing the highest efficiency from his plant, as well as to reduce its depreciation by removing preventable causes of rapid wear, such as excess vibration and friction due to improper alignment.

On today's market for labor and

materials, the reinforced concrete buildings cost practically no more than the ordinary type of slow burning construction, with the advantage wholly in favor of the former, both in the matter of light and stability. More recent designs are of the flat slab type, which gives a room without beams and with about half the usual number of columns. This type of building, if used with steel sash and doors, is almost ideal for cotton manufacturing, in that it gives an unyielding floor for machinery, with an abundance of light. It can be built quickly, and in a great majority of cases the bulk of material is available near the site, especially the heavy materials, such as stone and sand.

Too much importance can hardly be laid on the necessity of a firm and unyielding floor for textile machinery. Practically every manufacturer knows how impossible it is to keep machines in line on a regular timber floor, and even is frequent link is done, it is always at the expense of the life of the machine, as every time the alignment is changed the bearing are worn in a new spot. Recent tests have shown that with the reinforced concrete floors there is practically no need of re-alignment during the life of a machine, provided it is properly set in the beginning. This one feature, in addition to the greater steadiness, will make the reinforced concrete type

of building worth while, even with a large difference in cost.

Another very excellent advantage of having flat ceiling is the matter of light, and indirect units can be used in a very effective way for this type of building.

Some objections have been raised to the use of reinforced concrete because of the difficulty of providing in advance for future changes in location of machinery and shafting, and were it probable that much of this had to be done, the objection might be well founded. It, of course, can be taken care of by providing a large number of inserts in the ceiling during construction.

It is highly probable that a very large percentage of the mills of the future will be driven almost entirely with individual motors, which makes it very easy to change the location of machinery at any time.

The idea of the use of individual drive on textile machinery is no longer an experiment, but it still has some opponents, especially among those who have not used it. It is very doubtful if any manufacturer who has ever had his mill properly and thoroughly equipped with individual drives could ever be induced to depart from it, and the number of those who strongly favor it is rapidly increasing. No form of belt transmission yet devised will give constant and even speed, even if it re-

(Continued on Page 17.)

HYDRO EXTRACTORS

The Most Important Machine In Your Plant!

HAVE YOU stopped to realize that practically the entire output of your plant must pass through your hydro extractor or whizz?

Can you, therefore, from the standpoint of dollars and cents, afford to buy any but the best obtainable? Can you, for the same reason, afford to operate an old machine, that most likely will break down when you least expect it, tying up your production.

There is no more forceful endorsement of Hercules performance in service of owners, or more impressive evidence of this Extractor's reputation, than the fact that it is the choice, in Extractor equipment, of some of the foremost textile corporations.

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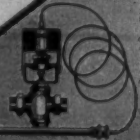
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Southern Representatives:

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A year ago the Atlantic Dyestuff Company's business was confined to a few customers located in New England, with less than a dozen elsewhere.

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The number of live accounts on our books is nearing a thousand.

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706 Com. Nat. Bank Bldg.

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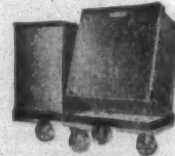
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**Southern Branch Office
236 West First Street
Charlotte, N. C.**

**The Movies As a Medium For the
Protection of Industrial Interests.**

(Continued from Page 7.)

I write only of things I know. My characters are real flesh and blood mill people and the scenes laid in industrial centers. Each story has a direct appeal for clean living, right thinking and for loyalty and co-operation. A thrilling romance through each holds interest from beginning to end and our readers beg for more and more.

A few years ago Mr. George W. Fraker, at that time president of the Marshall Field Company's mills at Spray, N. C., but now vice president of a bank in New York City, said to me: "Aunt Becky," (that's my pen name for the "Me and Jeems" mountain dialect sketches, which I always prescribe for the blues), "Aunt Becky, what can I do to show my appreciation for your work and influence among mill people?" He proposed giving me a trip to Chicago, and did, chaperoned by his Y. M. C. A. secretary and wife, Mr. and Mrs. Bert Weaver. I was the enchanted guest of the Marshall Field Company for a week with rooms at the Sherman Hotel, and every day mapped out for my especial pleasure.

In March, 1918, I was overtaken in LaGrange with the first really serious illness of my life, and in Martha Washington Inn, Mr. Callaway's lovely home for working girls, which is the best hotel in LaGrange, I was tenderly nursed back to life and health when life was despaired of. Then in April, before I was strong

enough to work, Mr. Callaway gave me the greatest treat of my life by sending me to New York to attend the big Textile Exposition. I spent two delightful weeks there and was so anxious to see the sights and to learn all I could that to sleep seemed time wasted.

I left New York the 10th and traveled through Connecticut and a part of Massachusetts, soliciting advertising for Mill News and seeing what I could of mill conditions just by passing through some of the villages. That trip and experiences attending it gave me a greater understanding and broader vision of life. I shall never forget how I enjoyed that lovely New England spring, and how I was thrilled with the beauty of the emerald lakes dotting the landscape.

Through all my travels I have met with perfect courtesy from mill officials and I would rather have their respect and friendship and my work among mill people than to be the "first lady of the land."

During my six years with Mill News I visited more than 540 mills in five Southern States. I was free to go from the basement to the top floor and talk with operators at will. I have frequently been entertained in the homes of officials and employees and many big receptions have been given me in different States. I do not say this boastfully, but just to show you that my work is known and appreciated.

The suggestion that my stories be staged for the benefit of the textile industry was made to influential parties by my friend and co-worker, Miss Mamie Burns, all unknown to

TALC— A GREAT WEIGHTER

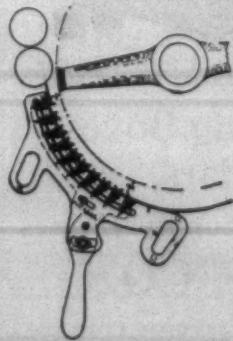
Our Talc is air-floated. Its unsurpassed color and high initial retention make it the best quality of any on the market for filler purposes. Its increased use by many of the largest and most carefully conducted mills throughout the country is its best testimonial.

Why pay high prices plus enormous freight rates for an inferior foreign filler when you have the quality filler at reasonable prices right at your door. Prices and samples given on request.

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most manufacturers are adopting, knowing that they will pay for themselves in a short time in the saving of good stock, at high price of COTTON today.

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Guaranteed Quality—Demonstrations Made

me. It would be impossible to describe my surprise when Mr. J. T. Broadbent, agent for the Meritas Mills, with offices in New York, came to see me recently to talk it over. That was the first I knew that the idea was being discussed.

Then Mr. Callaway became actively interested, realizing that so many thousands can be reached and helped through the movies who either cannot or will not read. And even those who have read the stories would enjoy them all the more in pictures, and receive full benefit of the lessons they contain. Mr. Callaway sent me to lay the matter before you.

In presenting the suggestion that these stories be staged by the cotton manufacturers for educational and uplift purposes, I am not alone in the conviction that this would prove a master stroke for the strengthening of a spirit of co-operative service which would materially aid the worker to withstand the influence of disturbing forces.

With my practical experience as a mill operative and six years constant travel among the mills of several states, and having applied myself diligently to the study of industrial problems, I do feel qualified to speak of the needs of the masses. I am sincere when I declare unto you that there are thousands of good, solid workers in the industrial ranks who are starving for love and sympathetic understanding. In proportion that these are denied, so in like proportion does the spirit of unrest and antagonism grow, developing a state of mind that is receptive to wrong influences.

But in spite of the avalanche of feverish agitation and printed propaganda spread broadcast over our fair land, we are steadily pressing on to bigger and better things in the textile industry. Cotton manufacturers have spent untold wealth to promote education and welfare work and are doing more for the betterment of the world than any other industry in it.

The moving pictures are the only medium through which we can reach the illiterate and that they are the most powerful methods for teaching great lessons to all, cannot be denied; they have an appeal that is far-reaching and altogether irresistible. Through messages transmitted to the mind by pictures we can best visualize our ideals and kindle interest for things worth while.

It is time for thinking people to realize the power for good or evil that lies in the movies, and time to demand that pictures shall have a greater purpose than money-making. But we can have morally clean, wholesome and educational pictures with just as much power to draw large and appreciative audiences. Love and hate, joy and sorrow, honor and dishonor, triumph and defeat, success and failure mean the same to the human race everywhere.

Give us pictures that show right triumphing over wrong. Give us pictures that show men and women strong enough to withstand temptation. Give us sweet domestic scenes that place a halo of glory about a pure home, however humble it may be. Give us pictures of parents that hold the marriage vow



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Frost Proof Closets

Over 300,000 giving satisfaction. Save Water; Require No Pit; Simple in the extreme. The most durable water closet made. In service winter and summer.

Enameled roll flushing rim bowls.

Heavy brass valves.

Strong hard wood seat.

Heavy riveted tank.

Malleable seat castings will not break.

Sold by Jobbers Everywhere.

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While Your Mill is Making Substantial Profits

is the time to equip with loom harness whose service is measured from year to year instead of month to month.

"DUPLEX" Flat Steel Harness can show records of ten to fifteen years service at an average cost of only 10c to 12 1-2c per shade per year with high cloth production and low percentage of seconds.

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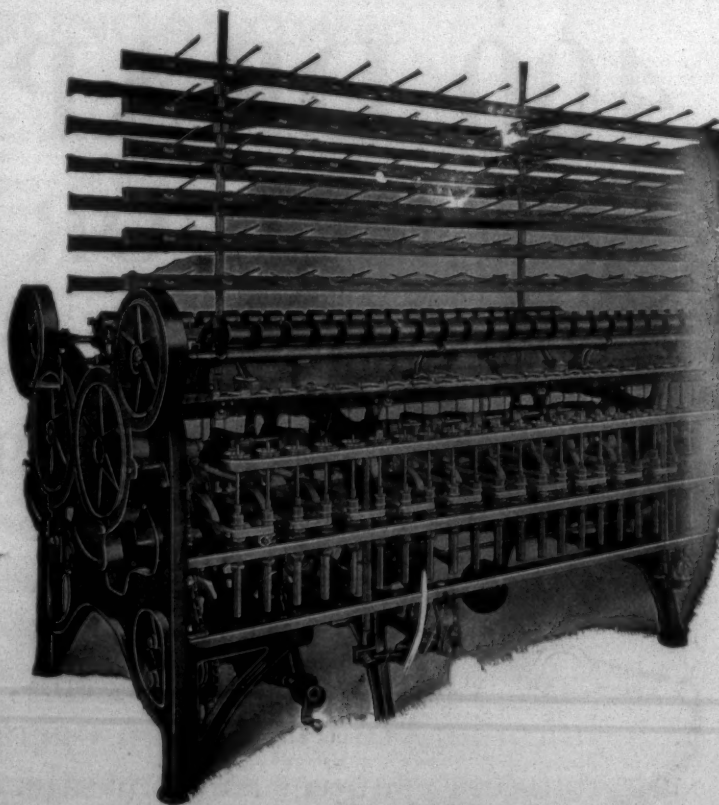
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N. B. We are the sole manufacturers of Nickel-Plated drop wires for every kind of loom.



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Save 50 per cent. operative power
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The durability of Laminar mill receptacles is not merely a matter of construction. They are built pretty much as others are built. It's the extra denseness and toughness of the VUL-COT Fibre that gives them their famous wear resistance.

For VUL-COT Fibre cannot rust or dent like metal, though it is as strong—it will not splinter or warp like wood, though it is as light—and it's as smooth as glass and does not roughen with use.

VUL-COT Fibre is a super-development of vulcanized cotton fibre. All these qualities we mention will be apparent to you at once, if you send for samples. You will appreciate why Laminars have been known to give continuous service for over twenty-five years.

AMERICAN VULCANIZED FIBRE CO.

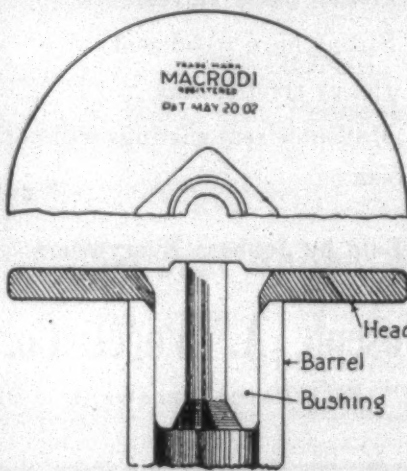
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after fourteen years of the hardest mill use has demonstrated that it is

Durable — Economical

Write for particulars of the added traverse with corresponding increase in yardage—an important feature of this spool.

Prompt deliveries in two to three weeks after receipt of order.

MACRODI FIBRE CO.

Woonsocket, Rhode Island

sacred and believe that children are the most priceless jewels. Show us pictures as proof that capital is not heartless, as some men teach, and that capital and labor must clasp hands in a co-operative spirit and work together for mutual good.

When Christ was on earth he used parables—word pictures—to teach great lessons impressively. When God gave man inventive genius that led to the creation of moving pictures, I truly believe He meant them for educational purposes and for His glory. But the enemy of all good did not remain passive and idle, and we have pictures staged at great expense, which instead of teaching good moral lessons and giving inspiration for high ideals, send men and women out from dimly lighted halls in a reckless mood, fit subjects for every evil influence and often to become tolls for treason and anarchy.

God is back of the movies, but Satan will steal them if he can. It behooves the church, the state and the nation to take a firm stand for the right and to try in every possible way to satisfy the craving of the human mind and heart with intellectual, soul-saving food. Let the power of all good have full sway through truths taught forcefully on the screen. To see a thing always means more than to hear or read about it.

As I have already said, the cotton manufacturers have done great things in the way of welfare work and education, but will wish to take advantage of the most potent power for good that the world offers today through the movies. But you will

not want this work to show the earmarks of propaganda. You will want true to life pictures and facts of mill life and conditions, gathered and compiled by experienced operatives who are thoroughly conversant with the peculiar habits and prejudices, sensitive emotions, generous impulses and hungry hearts of those who toil daily in the industrial world.

It has been said that "Ignorance is the mistress of human selfishness, the handmaiden of civic unrighteousness, the mother of poverty and the grandmother of crime." I beg you, gentlemen, to utilize your splendid opportunities and become torch-bearers for education. Duty points the way. Conscience lights the path. Line up against ignorance and prejudice. It means not only the salvation of thousands, but it means your own self-protection and self-defense.

**Hoskins Mill,
Charlotte, N. C.**

H. H. Boyd.....Genl. Supt.
E. M. Walters.....Asst. Supt.
J. J. Queen.....Carder
L. B. Walter.....Spinner
H. Sid Wylie.....Slasher
O. R. McDaniel.....Cloth Room
N. J. Right.....Master Mechanic

**Monaghan Mills,
Greenville, S. C.**

C. M. Hemphill.....Superintendent
Sam Mattox.....Carder
Robt. McMahan.....Spinner
W. T. Henderson.....Slasher
C. T. Hughes.....Weaver
J. G. Pruitte.....Cloth Room
S. B. Rhea.....Master Mechanic

400 DRAPER LOOMS FOR SALE

300 Model A, 28 inch, small batteries, half right-and half left-hand, equipped with double thread warp stop motion, using 7 3-8 inch bobbins.

100 Model E, 28 inch. Same equipment as above.

All have full equipment of beams, heddles, shuttles and reeds. Good condition and can be seen in operation. These are offered for immediate delivery, subject to prior sale.

A. B. CARTER, Greenville, S. C.

Recent Changes in Mill Design.

(Continued from Page 12.)

ceives a great deal of attention, which is rarely the case in a textile plant of any size, and it is not infrequent to find mechanically driven spinning rooms where the average speed is 10% below the figured speed. This, of course, means an equivalent loss of production, as well as uneven running work, as any class of textile machine will give better results if run at constant speed, and this is especially true on looms, since no loom will function properly with varying speed.

The development and improvement of the silent chain has made it possible to apply the individual motor to nearly every type of cotton mill machinery, and where the application is properly made the resulting increase in production will always prove profitable.

In the handling of cotton through a mill, there has been a constant need felt for some form of conveying apparatus which would reduce the cost of transportation, and a great many schemes of this character have been tried out and most of them found wanting.

A great deal of improvement has been made in the handling of raw cotton from the warehouse to the picker room, by using outside opening rooms of large enough capacity to thoroughly open and age the cotton before it is taken into the mill, and some of the more recent opening rooms have bins sufficient to hold several days' storage of cotton. After being allowed to age the cotton is taken into the mill through a conveyor pipe and distributed to the hoppers of the breakers or openers by means of automatic distributors.

From this point many forms of lap conveyors have been tried, but few have been successful, partly because the distribution is to a large number of machines and not to one common point, and partly because the laps were frequently damaged. In designing any conveying system in a mill, it must be borne in mind that, unlike many other forms of distribution, there is no single point of origin or destination, and without an extremely complicated system, the chances are that the total amount of handling will be fully as great with the system as it would be without it.

Often times the necessity for any handling system can be done away with by so arranging the machinery that the length of the haul is reduced to a minimum. This, of course, is a matter on which no general rule can be laid down and each cause must be settled for itself, but frequently an intricate and complicated system makes an appeal to the manufacturer because of its complication, when a careful analysis would show that the amount of labor saved would not warrant the expense involved.

One of the most valuable improvements in mill equipment during recent years has been the use of automatic regulation in connection with humidifying apparatus.

Formerly very little attention was paid to the real necessity of having absolutely uniform moisture at all times, and, of course, without automatic regulation this is not possible.

But since the regulators have now been developed to a high point of efficiency, there is hardly any excuse for a modern mill not to be properly equipped. This installation can fortunately be made in any mill, whether new or old.

There are a number of cases on record where mills have reduced the weight of their picker laps 5% and still maintained the correct weight of their output. This does not mean

that they have added to the normal moisture which was in the cotton as it came from the warehouse, but that they have reduced the loss from evaporation of this moisture and have maintained in the cloth room approximately the natural moisture which was in the cotton when it came from the bale. This not only saves a big loss in weight but also makes better running work, which in these days of high priced labor is

of tremendous consequence.

Of course, it is understood where automatic regulation is used there must be an abundance of evaporative capacity in the humidifier system, otherwise uniform results cannot be secured.

While almost any sort of a mill will show a reasonable profit under present conditions, we must all realize that times will change and the

(Continued on Page 21.)

The Attractive Mill Village

is an important factor in securing labor.

THE tendency of the times is toward beauty—and it is universal. Formerly it was characteristic of the wealthy. Now it has found its way into the homes of all classes. The attractiveness of the home, its surroundings and the village as a whole, will play an important part in your labor problems of the future.

The interest of the mill demands *lasting qualities* in the construction of homes for its operatives.

Human nature demands *convenience* of arrangement.

Comfort is the inherent right of every human being.

Strictest *economy* at a time of high costs is highly essential in all construction.

All These—Beauty, Durability, Convenience, Comfort, Economy

are the principal features of

QUICKBILT BUNGALOWS

Snug, attractive, well-planned, artistic, roomy little bungalows especially designed for attractive, industrial villages.

Built after the practical, thoroughly-proven Patented Garner Locking System, by which all sleepers, joists, panels, plates, rafters, etc., lock securely into each other, forming a type of substantial home that cannot easily be damaged and which will neither give, bend, crack, pucker nor warp, even under the greatest strain. Especially designed for the homes of bosses or operatives. The doubly secure process of erection warrants comfort, even in extremes of hot or cold weather.

QUICKBILT Bungalows are the most economical homes possible. They are made in large quantities according to patented methods in a systematic manner by a plant which covers the entire operation from the forest to the finished house. As a result with every short cut to perfection and economy afforded the cost of manufacture is cut in half and all extra middle-men's profits and commissions are avoided. They are sold direct to you from the forest.

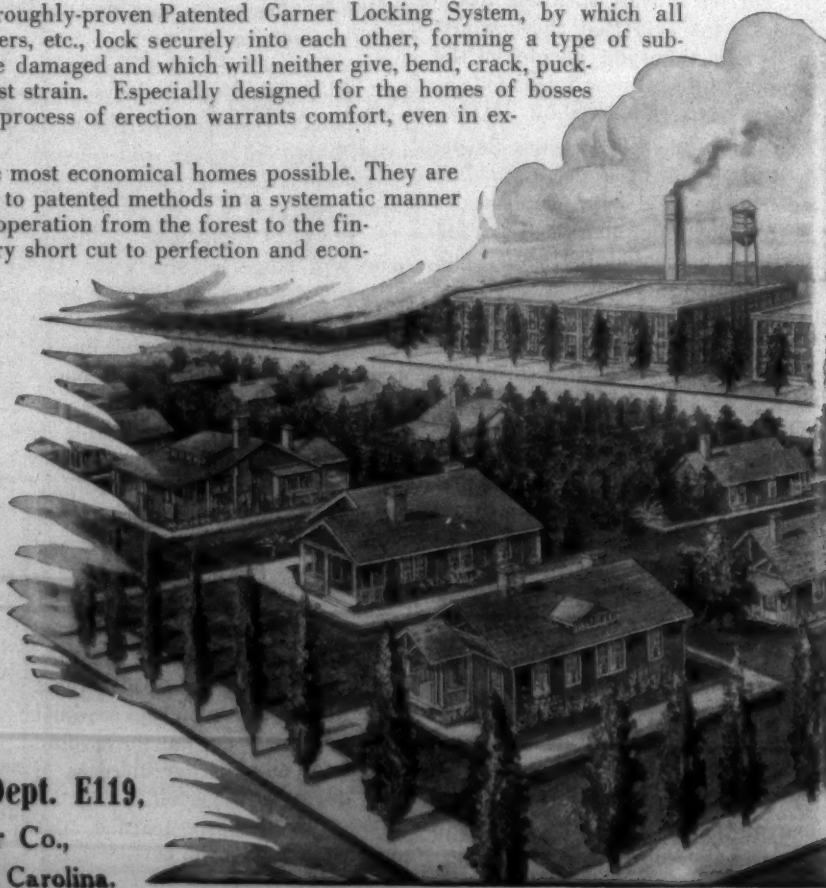
Arriving already built with nothing left but the erection, the labor usually necessary for construction is reduced to a minimum. There will be no piles of waste lumber left. Every waste in material, time, labor and money is avoided.

The Most Logical, Modern, Practical, Economical Method of Home Building.

For fuller explanation address

QUICKBILT Bungalow Dept. E119,

**A. C. Tuxbury Lumber Co.,
Charleston, . . . South Carolina.**



SOUTHERN TEXTILE BULLETIN

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Advertising rates furnished upon application.
Address all communications and make all drafts, checks and money orders payable to Clark Publishing Company, Charlotte, N. C.

THURSDAY, APRIL 29, 1920

The Overall Parade.

The "wear overalls" movement finally reached New York and plans were made for a monster parade.

It was arranged to have an overall parade up Broadway last Saturday and the New York papers in their usual style boosted the proposition and carried stories with big headlines. Some said that there would be twenty thousand people in the parade while others predicted as many as sixty thousand.

About ten o'clock Saturday morning the streets of upper Broadway began to be lined with people waiting for the much heralded parade and it is estimated that fully one hundred thousand people stood for an hour or more.

Finally a band made its appearance followed by a motley throng of about two hundred and fifty men and women instead of the sixty thousand as predicted. The crowd along the street stared, then laughed and finally began to jeer and hoot.

As the word was passed down the waiting line the overall parade became a riot of fun and not more than fifty were able to stand the taunts and jeers of the crowd to the end of the march.

There were probably not over half a dozen men in the parade who regularly made as much daily wages as the regular wearers of overalls and most of them looked like they belonged to the "never work" brigade.

The failure of the overall parade in New York proved that the public are too busy making high wages to be trying to reduce the high cost of living through a fool overall parade.

The Embargo.

Goods and yarns are piled up at Southern mills while looms, knitting machines, bleacheries and finishing plants are idle in the North.

The continued production of goods that cannot be shipped is straining the financial resources of the mills and commission houses and causing an enormous loss in interest and storage charges.

If present conditions continue there will come a time when the mills can finance no further production of goods and must stop their machinery, thereby throwing out of employment thousands of mill operatives.

The cause of all this trouble is that switchmen and trainmen who were already among the best paid workers in the United States are taking the public by the throat and demanding a further increase in wages.

When the railroads were turned back to the owners all of the railroad employees agreed to give them a certain period in which to readjust matters and pledged that they would not ask for any further increase in wages during that period.

Too often have we learned that the pledge or promise of labor

unions amounts to little and while in this case the leaders of the national organizations have tried to make good their pledge the leaders of many of the local unions have shown absolute disregard for their word or for the rights of the public.

The switchmen and trainmen have taken the public by the throat and propose to have an advance in their already high pay or else make the public suffer.

They do not care how many cotton mill operatives are forced into idleness and loss of wages so long as they have a prospect of adding to theirs.

Tentative Program of the American Cotton Manufacturers' Convention

First Session.

Tuesday, May 25, 10:00 A. M.
Assembly Hall, Hotel Jefferson.
Convention called to order by President Hammett.

Invocation, Rev. Dr. F. T. McFadden, Pastor First Presbyterian Church, Richmond, Va.

Address of welcome, on behalf of the State of Virginia, Governor Westmoreland Davis.

Address of welcome, on behalf of the city of Richmond, representing Chamber of Commerce, City Bankers' Association, etc., Thomas B. McAdams, Merchants' National Bank, Richmond, Va.

Response, on behalf of the Board of Governors and the Cotton Manufacturers' Association, Scott Roberts.
Appointment of committees by President Hammett.

Address—P. P. Claxton, Washington, D. C.

Address—Albert L. Scott, Boston, Mass.

Second Session.

Tuesday, May 25, 3:00 P. M.
Assembly Hall, Hotel Jefferson.
Convention called to order, President Hammett.

Address—H. L. Ferguson, President Chamber of Commerce of the United States, President Newport News Shipbuilding and Dry Dock Co.

Address—Theodore H. Price, Editor Commerce and Finance, New York.

Announcements.
Meeting Board of Governors, 5:00 p. m.

Tuesday Evening, 9:00 P. M.
Banquet Hall Hotel Jefferson.
Toastmaster, President James D. Hammett.

Speakers—Hon. John Balfett, Director General, Pan-American Union, Washington, D. C.; Dr. D. W. Daniel, Clemson College, S. C.

Fourth Session.

Wednesday, May 26, 10:00 A. M.
Business meeting: Address of President; Report of Secretary-Treasurer.

Report of Committees: (a) Traffic, (b) Foreign Trade, (c) Membership, (d) Resolutions, (e) Nominations.
New Business.

Adjournment.
Wednesday afternoon, entertainment, golf.

The Richmond Country Club, Hermitage Club, Golf Ladies, Mrs. E. C. Laird, chairman; John M. Miller, chairman news committee.

Awarded Damages Against Mine Union.

Fort Smith, Ark., April 22.—Verdict for the Pennsylvania Mining Company, for \$100,000 actual damages against the United Mine Workers of America district 21 of the mine workers, and local mine worker bodies in three Arkansas counties, was returned late Wednesday in federal court here, after a trial which lasted four weeks. Under the Sherman act, the judgment against the defendants will be tripled to aggregate \$300,000.

The case is the outcome of a strike of union miners in 1915 to enforce unionization of the mine of the company of Jamestown, Ark., which had been operated for six years on an "open shop" basis. The strikers, it was asserted, lived for several months in a tent colony near the mine. The company charged that there was a conspiracy to destroy its property and business. A large volume of records and depositions and the oral testimony of more than 250 witnesses were placed before the jury.

PERSONAL

C. R. Riddle has become overseer of weaving for Piedmont Commission Co., Charlotte. Mr. Riddle several years ago started the weaving at Draper, N. C.

T. G. Pruitt from Pacific Mills, Columbia, S. C., is now overseer of spinning at night at Loray Mill, Gastonia, N. C., succeeding D. A. Boyter, who is promoted to assistant spinner in day time.

W. H. Hartley from Unity Spinning Mills, LaGrange, Ga., has accepted position as general overseer of spinning, spooling and twisting with the Hogansville Manufacturing Company, Hogansville, Ga.

D. V. Brannon has resigned his position as overseer of weaving at the Gluck Mills, Anderson, S. C., and accepted a similar position with the Union-Buffalo Mills Company, Union, S. C.

Q. H. Cordle, formerly superintendent of the Demopolis Mills, Demopolis, Ala., has accepted position as superintendent of the Montgomery Cotton Manufacturing Company, Montgomery, Ala.

R. Day Wright, who was formerly secretary to Supt. F. G. Cobb, of Lancaster Cotton Mills, Lancaster, S. C., has resigned to become office manager of Santee Mills, Orangeburg, S. C.

Mr. L. W. Ward, master mechanic and civil engineer for the Hamilton Carhartt Mill No. 4 for the past ten years, has resigned to accept a position as inspector for the Hartford Steam Boiler & Inspecting Co., and will have his headquarters in New Orleans.

D. E. C. Clough, formerly overseer of carding and spinning and assistant superintendent of the Selma Manufacturing Company, Selma, Ala., has accepted position as overseer of carding and spinning with the Cowikee Cotton Mills, Eufaula, Ala.

Personal News

O. L. Shafer has resigned as spinning overseer at the Manchester Mills, Macon, Ga.

Clyde Cobb has been appointed superintendent of the Montgomery (Ala.) Cotton Mills.

Wm. P. Hodge has returned to Fulton Bag Mills, Atlanta, Ga., as spinning overseer in No. 2 room.

Jas. A. South has been appointed spinning and twisting overseer at Couch Mills, East Point, Ga.

Jas. B. Knight has been appointed overseer of spinning at the Union Mills, LaFayette, Ga.

S. M. Scurry has accepted position with the Bibb Manufacturing Company at Porterdales, Ga.

Wm. P. Cargill has been promoted from night to day superintendent of the Loray Mills, Gastonia, N. C.

C. P. Hamrick has been promoted to night superintendent of the Loray Mills, Gastonia, N. C.

W. F. Dogget is now superintendent of Cowpens Manufacturing Co., Cowpens, S. C.

Mack Cochrane has resigned as night overseer of carding at the Roberta Mill, Concord, N. C.

N. Kelly has been promoted from section to second hand in spinning in Richland Mill, Columbia, S. C.

J. A. Coggins has accepted position as night overseer of carding in Mill No. 2, Lancaster, S. C.

S. E. Ervin, from Stonewall, Miss., is now overseer of carding at Gonzales Cotton Mills, Gonzales, Texas.

Felix Richard has resigned as carder at Gonzales (Texas) Cotton Mills and moved to Stonewall, Miss.

J. A. Thompson is now overseer of spinning, spooling and warping at Fulton Bag and Cotton Mills, Atlanta, Ga.

D. A. Boyter has been promoted from night spinner to assistant in day time at Loray Mills, Gastonia, N. C.

G. A. Hamrick has been promoted from second hand in carding in Richland Mill, Columbia, S. C., to general overseer of carding and spinning in the Capital City Mill.

C. B. Shirley from Saxon Mills, Spartanburg, S. C., is now overseer of weaving at Cowpens (S. C.) Manufacturing Company.

R. P. Gossett has succeeded J. R. Turner as overseer of spinning at Cowpens (S. C.) Manufacturing Company.

Julius Thompson has been appointed spinning overseer in No. 1 room of Fulton Bag and Cotton Mills, Atlanta, Ga.

J. G. Coman has been promoted from superintendent to general manager of the O'Cedar Mills Company, Covington, Tenn.

C. P. Hamrick, from Columbia, S. C., has accepted a position with the Loray, Gastonia, N. C., as night carder.

J. T. Phillips has changed from second in spinning at Winnsboro, S. C., Mills to overseer of spinning at Santee Mills, Bamberg, S. C.

J. A. Nipper, formerly second hand in the Richland Mill, is now night overseer of spinning in the Capital City Mill, Columbia, S. C.

J. C. Parker has been promoted from card grinder in the Olympia Mill to second hand in carding in the Richland Mill, Columbia, S. C.

E. B. Brown, formerly of Hickory, N. C., is now superintendent of carding and spinning at the Tyre Cord & Fabric Co., Columbus, Ohio.

Fred McClure has resigned as overseer of card room at Eatonton Cotton Mill, Eatonton, Ga., and is now second hand at Payne Mill, Macon, Ga.

L. A. Hinson has been transferred from overseer of weaving at Maneta Mills, Lando, S. C., to a similar position with Jackson Mills, Monroe, N. C.

G. W. Currin has been promoted to superintendent of the O'Cedar Mills Company, Covington, Tenn., succeeding J. G. Coman, who was promoted to general manager.

C. H. Gunn, who has been overseer of carding at Statesville Cotton Mills, Statesville, N. C., for the past five years, has resigned to accept position as carder and spinner, day and night, at Turnersburg, N. C., for J. W. Watts Manufacturing Company.

Bleached Goods

(SELLING POINTS XXII)

Selling agents imagine a new process takes time to install and a large outlay.

As to Peroxide bleaching this is not true. Your mill can be running on the same in a week or two, frequently with apparatus on hand.

An oft-heard objection is the Peroxide cost. Mostly in the minds of the uninformed!

Is there now any reason why your goods should like the Peroxide Qualities of a white without weakening permanency of color; absence of smell; softness and elasticity retained

?

Peroxide advice free to mills.

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Exclusively for—

Cotton Yarn and Hosiery Mills of the Southern States

Millers Indemnity Underwriters

Bailey & Collins, Managers

On a mutual plan not subject under any circumstances to the contingent liability of assessment. Your maximum cost is absolutely fixed.

Safety, Service then Savings

If your present liability insurance policy is not entirely satisfactory, write our

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OFFICE**

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THE WILSON COMPANY

GREENVILLE, S. C.

TEXTILE MACHINERY and SUPPLIES

STRUCTURAL STEEL

ROVING CANS, CARS, BELTING, WOODEN LOOM PARTS,

MILL BROOMS, PACKINGS OF ALL KINDS, SLASHER

CLOTHS AND SHEEP SKINS.

MILL NEWS ITEMS OF INTEREST

Athens, Ala.—Fulton Cotton Mills, increase capital from \$100,000 to \$250,000.

Belmont, N. C.—National Yarn Mills have increased capital from \$200,000 to \$800,000.

Gastonia, N. C.—The Dunn Manufacturing Company has increased capital from \$200,000 to \$600,000.

Gastonia, N. C.—The Seminole Manufacturing Company has increased capital from \$225,000 to \$800,000.

Gastonia, N. C.—The Armstrong Cotton Mills Company has increased capital stock from \$130,000 to \$300,000.

Gastonia, N. C.—Clara Manufacturing Company has increased capital from \$200,000 to \$500,000.

Dallas, N. C.—Monarch Cotton Mill Company has increased capital from \$225,000 to \$500,000.

Enoree, S. C.—The Enoree Mills, it is reported, will install 115 additional wide looms.

Forsyth, Ga.—J. T. Flemming has leased a building and purchased machinery to install a hosiery mill.

Belmont, N. C.—Majestic Manufacturing Company has increased capital from \$200,000 to \$800,000.

Belmont, N. C.—The Imperial Yarn Mills have increased capital from \$200,000 to \$800,000.

Belmont, N. C.—Chronicle Cotton Mills have increased capital from \$125,000 to \$850,000.

Albemarle, N. C.—The Wiscassett Knitting Mills are adding 20 new houses in their village.

Covington, Tenn.—The name of the Tipton Cotton Mills has been changed to O'Cedar Mills Company.

Petersburg, Va.—F. L. Robbins and associates who purchased the Pocahontas Cotton Mills will thoroughly overhaul the machinery and install electric drive; 300 new automatic looms will be installed.

Clover, S. C.—Mr. Thomas McConnell, president of the Hawthorne Spinning Mills, of Clover, Messrs. Thompson and Scott, who are associated in business with Mr. McConnell, all of Northampton, Mass., returned home with Mr. M. L. Smith, who had been in the North for a week on business, and spent several days in Clover. The new addition to the Hawthorne Spinning Mill is about completed, which addition will greatly increase the output of the mill. The company has just completed the construction of a number of attractive new cottages for their operatives.

Hillsboro, N. C.—The stockholders place, met last week and at this of the Eno Cotton Mills, of this meeting authorized an increase of

the capital stock of the company to two million dollars. It is understood that extensive improvements are in contemplation. The Eno Mills is one of the largest in this section of the State and has been in successful operation for many years.

Moreland, Ga.—E. M. Camp, president; D. C. Owen, secretary-treasurer, of Moreland, and W. F. Herick, vice president and general manager of Marietta have organized a hosiery mill with a capital of \$30,000. Machinery has been purchased.

Ronda, N. C.—The Ronda Cotton Mills have determined details for plant mentioned recently and \$230,000 will be invested for buildings with accompanying machinery. The mill structure will be of brick and concrete, 340 feet long by 84 feet wide, with 60x45 foot power house and 64x45 foot warehouse, these structures costing \$50,000. Machinery to cost \$150,000 has been ordered, and this includes 7,500 spindles, besides a \$30,000 electric and steam power plant generating 300 kilowatts for electric power drive. G. M. Goodnight is the company's architect and engineer.

Dallas, N. C.—The Dorothy Mill is to increase its spindleage from 7,000 to 11,000 and change from carded to combed yarns. The contract is now in the hands of Mr. J. A. Gardner, of Charlotte, and material is being rapidly placed for the erection of a new addition 150 feet by 150 feet. Two thousand old spindles have been discarded and replaced by 2,000 new ones and other improvements are being made.

Textile Exposition at Greenville, October 18.

Greenville, S. C.—October 18 to 23, inclusive have been officially set as the dates for the Fourth Southern Textile Exposition to be held in Textile Hall, here, according to announcement by President William G. Sirrine and Managing Director John A. McPherson. Mr. Sirrine has been elected president to succeed B. E. Geer and also was elected a member of the directorate. The officers state that this exposition will be the largest and most comprehensive display of cotton mill machinery and textile products ever exhibited in the South.

Consolidated Textile Opens Southern Office.

A Southern office of the Consolidated Textile Corporation has just been established at 108 North Elm street, Greensboro, and Allen F. Johnson, vice president in charge of the operation of mills; F. D. Branson, general superintendent of mills, and George W. Duncan, assistant to the vice president, are now in the city taking care of the interests of the business.

The office at 108 North Elm street is only temporary. As soon as the

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and CITY PLANNER

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MEES & MEES ENGINEERS

Transmission Lines, Municipal Improvements
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Surveys, Reports, Design, Supervision of Construction

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High Class Investment Securities

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American Trust Company

CHARLOTTE, N. C.



This TRADE MARK on your Belting indicates that the greatest care, thought, and precision have been observed in its manufacture.

In other words, it is

CLEAN QUALITY

TROUBLE FREE

Charlotte Leather Belting Company

Charlotte, North Carolina

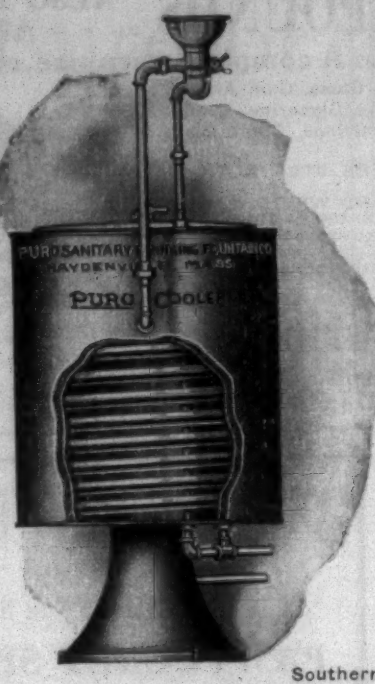
American Exchange National Bank building is completed offices will be established on the first office floor of this building. Rooms 5 and 6 have been rented, which, it is estimated, will be ready for occupancy within three or four weeks.

Mr. Johnson, the vice president and executive in charge of the operation of the mills, came to Greensboro from Atlanta, Ga., where he was formerly president of the Exposition Cotton Mills of that city. He is at present vice president of the American Cotton Manufacturers' Association. He will live in Greensboro permanently and expects to bring his family here in June, or as soon thereafter as he can secure a house.

Mr. Branson, the general superintendent, was formerly with the Frankfort Cotton Mills, West Point, Ga. His family, which is now in Summit, N. J., will join him here in July to make Greensboro their future home.

Toledo Scales to Be Distributed From Charlotte.

W. E. Tipton, distributor of Toledo Scales for North and South Carolina, has moved his office from



The late ex-President
Roosevelt's motto was
Be Prepared!

Anticipate your warm
weather requirements and
order

**Puro Coolers
NOW**

DON'T DELAY.

40 Feet Coil Pipe—
Cover with locking device
and rubber washer, making
an air tight Tank—equipped
with PURO Sanitary Drink-
ing Fountain.

**Puro Sanitary Drinking
Fountain Co.**
Haydenville, Mass.

Southern Agent
E. S. PLAYER, Greenville, S. C.

Raleigh to Charlotte. He is maintaining a service station at 33 West Trade street, Charlotte.

This branch of the Toledo Scales Company has three factory trained experts to serve the mills and is prepared to give prompt and efficient service on any type of scales. They are specializing in a complete stock of Toledo scale parts and a large line of scales to weigh anything from a skein of yarn up to 30 tons. Mr. Tipton's organization is composed of 24 people, salesmen and scale experts.

Pacolet Mfg. Co. Mills 3 and 5.

Pacolet, S. C.

M. B. Lancaster.....Superintendent
C. F. Parker, Mill No. 3.....Carder
A. F. Bullington, Mill No. 5....Carder
M. L. Green, Mill No. 3.....Spinner
J. H. Nichols, Mill No. 5.....Spinner
D. W. Williams, Mill No. 3..Weaver
J. R. Wilkins, Mill No. 5....Weaver
W. C. Pool.....Cloth Room
E. P. McWhirter....C. E. and M. M.

Recent Changes in Mill Design

(Continued from Page 17.)

days of small profits return, with probably very little diminution in the high cost of labor.

Therefore, a properly designed mill with abundant light, firm foundation for machinery, and with the proper drive to insure uniform speeds, will secure an increased production without the use of additional labor, and is unquestionably worth a great deal more money than a mill of the usual type, and will in the long run prove to be a very much better investment even at its increased cost.

Screw Machine Products

for Textile Mills and allied Industries. We make Special Shaped turnings in steel or brass.

Send samples or Blue Prints for quotations. Please state quantities ordered.

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SPECIAL COMPOUNDS FOR WARPS, WHERE STOP MOTIONS ARE USED.

WEIGHTING COMPOUNDS FOR COLORED AND WHITE WARPS. FINISHING COMPOUNDS FOR ALL CLASSES OF FABRICS.

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These compounds are based on the best practical experience and the best materials used in their manufacture.

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We have also learned that neither belts nor gears should be used where it is possible to use chain drive. Are you ready to believe that? Is it worth anything to know it if it should happen to be true?

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**Spartan Sizing Compound Co. Manufacturers of Compounds, Tallows
O. K. Products**

MORELAND and WITHERSPOON, SPARTANBURG, S. C.

The Measure of Progress

The progress of the past, as well as that of the future, is measured by criticism—for criticism exists only where there is faith in ability to improve.

We do not criticise an ox-cart or condemn the tallow dip, for the simple reason that they are obsolete. During the reconstruction period through which our country is now passing, if the public does not criticise any public utility or any other form of service, it is because there seems little hope for improvement.

The sewerage disposal system, under most favorable conditions, is subject to criticism for the reason that it is the most important utility and the only practical way of disposing of excrement and refuse. The accomplishment of the systems has fixed the quality of service demanded today and the criticism of the public and the work of the engineers today fixes the new standards of the future.

More than anything else today public criticism is replacing the old and obsolete ways of sewerage disposal, not only that public criticism is demanding the real plumbing system and not the substitute such as is found in many villages. Some textile firms have installed in their village small individual closets with the small septic tank as a substitute for plumbing. But they are not satisfactory.

A reporter was standing in a cotton mill village last week while being shown the beauty and attractiveness of the surroundings.

In the center of each block was a group of closets each having a state license tag over the door. The reporter was asked by the mill manager, who was showing him around, what he thought of the closets. The reporter replied, "They are better than the old privies." "Yes," said the manager, "but they are not satisfactory and many of them are giving trouble. It will be only a short time until we will have to tear them out and put in a sewerage system. Many of these closes are giving so much trouble as to be a menace to health. Not only that; they do not provide for baths, etc., in the houses."

The next day the same reporter was in another village which has a complete sewerage system. All closets were located in the houses and many conveniences were provided, including tub and shower baths, sinks in the kitchen, and water where and when wanted. The employees pointed to the system with pride and expressed a vote of appreciation to the management for providing such healthful conveniences.

The complete system is a measure of progress and is the perfection of today. Some improvements may be made in the future, but the wise manufacturer today is not taking chances on a substitute but is equipping his village with a sewerage system that means health and contentment for his employees.

Consult your local plumber and be guided by his advice and the wise criticism of your employees. It will mean progress and profit for you.

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Please ship by freight one barrel Pinesol, and have same followed with tracer. We will appreciate it very much if you will let this shipment come forward right away. For your information will state, that we are getting most excellent results from the use of Pinesol for "flu," and while we are not needing another barrel at this time, we are using every precaution to keep a supply on hand at all times.

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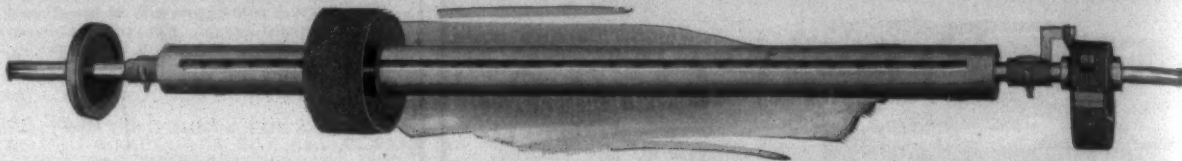
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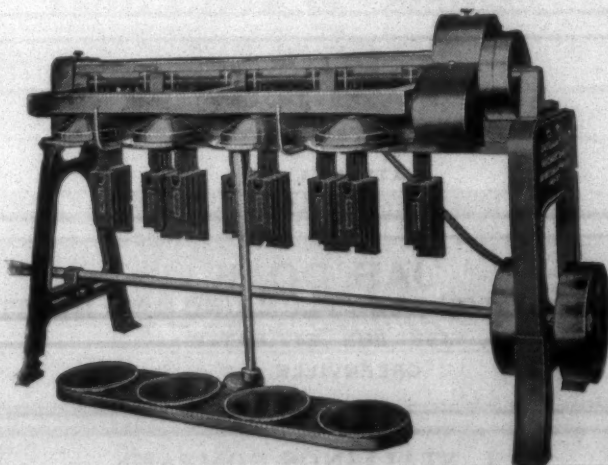
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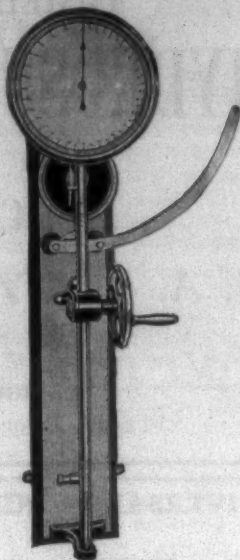
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For Week Ending April 27th, 1920.

	Bid	Asked
Abbeville Cotton Mills.....	250	—
American Spinning Co.	410	—
Anderson Cotton Mills, com.	227	232
Anderson Cotton Mills, pfd...	99	—
Aragon Mills	300	—
Arcade Cotton Mills	175	—
Aracadia Mills	325	350
Arkwright Mills	350	375
Augusta Factory, Ga.	160	200
Avondale Mills, Ala.	300	—
Banna Mills	150	160
Beaumont Mfg. Co.....	300	—
Belton Cotton Mills	—	475
Brandon Mills	250	—
Brogan Mills	425	—
Calhoun Mills	250	—
Chesnee Mills	—	345
Chiquola Mills, com.	300	—
Chiquola Mills, pfd.	90	—
Clifton Mfg. Co.	455	460
Clinton Cotton Mills.....	200	—
Columbus Mfg. Co., Ga.	222	250
Cowpens Mills	150	—
D. E. Converse Co.	—	378
Dallas Mfg. Co., Ala.....	200	—
Darlington Mfg. Co.....	—	220
Drayton Mills	215	—
Dunbar Mills, com.	—	251
Dunbar Mills, pfd.	99	—
Eagle & Phenix Mills, Ga....	210	—
Easley Cotton Mills	500	—
Enterprise Mfg. Co., Ga.	175	—
Exposition Cotton Mills, Ga.	500	—
Gaffney Mfg. Co.	303	306
Gainesville Cotton Mills, Ga.	—	205
com.	205	—
Glenwood Mills	325	—
Glenn-Lowry Mfg. Co.	130	—
Glenn-Lowry Mfg. Co., pfd...	125	—
Gluck Mills	—	293
Graniteville Mfg. Co.	325	340
Greenwood Cotton Mills	350	—
Grendel Mills	255	300
Hamrick Mills	325	400
Hartsville Cotton Mills	385	—
Henrietta Mills, N. C.	450	—
Hermitage Mills	175	251
Inman Mills	400	—
Inman Mills, pfd.	100	—
International Mills, com. (par	—	75)
Jackson Mills	350	—
Judson Mills	395	401
Judson Mills, pfd.	100	—
King, John P. Mfg. Co.....	200	—
Lancaster Cotton Mills.....	350	—
Laurens Cotton Mills	310	—
Limestone Cotton Mills	325	400
Loray Mills, N. C., com.....	100	—
Loray Mills, N. C., 1st pfd...	150	—
Marion Mfg. Co., N. C.	—	401
Marlboro Mills	350	356
Massachusetts Mills, Ga.	166	—
Mills Mfg. Co.	250	—
Molokoh Mfg. Co.	350	—
Monarch Mills	—	380
Newberry Cotton Mills	430	437
Ninety-Six Cotton Mills	150	—
Norris Cotton Mills	250	—
Oconee Mills, com.	200	—
Orr Cotton Mills	417	425
Pacolet Mfg. Co.	311	—
Pacolet Mfg. Co., pfd.....	101	—
Panola Mills	200	—
Palham Mills	150	175
Palzer Mfg. Co.	—	556
Pickens Cotton Mills	400	—
Piedmont Mfg. Co.	520	550
Poe, F. W. Mfg. Co.	356	—
Polksett Mills	227	232
Riverside Mills, com. (Par	—	56)
Saxon Mills	500	62
Sibley Mfg. Co., Ga.....	140	150
Spartan Mills	—	400
Toxaway Mills, com. (Par \$25)	75	78
Tucapau Mills	975	—
Union-Buffalo Mills, com.	—	52
Union-Buffalo Mills, 1st pfd...	135	137
Union-Buffalo Mills, 2nd pfd...	75	78
Victor-Monaghan Co., com.....	318	—
Victor-Monaghan Co., pfd...	—	110
Ware Shoals Mfg. Co.	295	301
Warren Mfg. Co.	100	—
Warren Mfg. Co., pfd.....	95	—
Watts Mills, com.	120	—
Watts Mills, 1st pfd.....	100	105
Watts Mills, 2nd pfd.....	130	136
Whitney Mfg. Co.	245	280
Williamston Mills	300	—
Woodruff Cotton Mills	330	—
Woodside Cotton Mills, com.....	—	402
Woodside Cotton Mills, pfd...	100	—
Woodside Cotton Mills, g't'd...	100	—
W. S. Gray Cotton Mills	250	—

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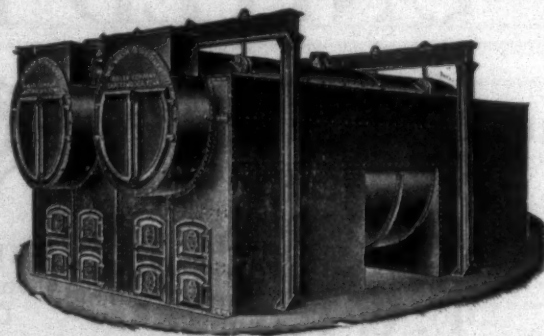
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on machines that pay for themselves in no time. Send us your job dyeing. Our prices are low, deliveries are prompt, and service the best. Franklin machines are used all over the world.

As job dyers we color over a million pounds of cotton and of worsted a year. Let us serve you. Our representative will be glad of an opportunity to see you and fully explain all details.

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Cotton Goods

New York.—Inability to ship goods has now reached the point in dry goods markets where action is being taken to relieve the financial burdens that are being imposed. Some houses are sending out circulars calling the attention of customers to the difficulties of delays and the troubles in meeting payments because bills of lading cannot be secured. They are asking co-operation to the end that these burdens of delayed payments shall be borne as equally as may be.

Notice has been given by some of the tire manufacturers that they are unable to get cloths shipped in to them and their factories must be closed. Hence they ask for delay in any attempt to ship goods. On the other hand, some manufacturers of the fabrics are unable to get coal or yarn and are being forced to close. One of the largest jobbing houses in the country has fully \$3,000,000 worth of goods tied up en route from mills and is in the position where retail customers cannot be supplied because the needed goods are not in stock. This is a reflection of similar conditions in a great many mercantile as well as manufacturing institutions and relief can come only when transportation conditions are improved.

Many efforts are being made to prevent any spread of anxiety in the markets. Those who are prone to rush to brokers to offer goods for the sake of getting a profit are being discouraged and even advised to sit still and let the situation work itself out. The uneven distribution of goods makes it next to impossible for merchants to say positively whether general scarcity is real or only temporary.

Impatience was shown in many places in the markets with the proposal to hold a parade for the display of novelties in denims and other goods that the wearers will discard when the bands stop playing. If the paraders would stay at work or decline to buy the goods they do not need the dry goods merchants say things will right themselves in a little while. Most merchants do not require to be told by paraders that

stated and restated it persistently. So long as the public will pay the prices and follow the speculators who bid up prices merchants will continue to be forced to lift prices to a basis of replacement costs. Parading with bands does not lower costs, and this is the reasoning that merchants believe is sound.

The gray goods markets were dull in several quarters, but especially where late forward trading is affected by the doings in speculative cotton or stock markets. Print cloths were less active although steady, and sheetings were in lighter demand. Fine goods from mill hands are firm, owing to increased uncertainties of delivery arising from strikes in weaving rooms. Converters are doing a very limited business on reorders and are having most of their troubles through bad deliveries of goods sold and goods due.

The heavy yarn dyed colored goods markets are firmer as a consequence of the wider use of many of these goods in general wear and the anxiety of manufacturers to secure any additional spot or nearby deliveries that can be made. Some jobbers state that the business in domestic cottons is falling off, while others say they do not know where they stand on domestics because so many goods are undelivered to them or their customers. Gingham are in demand for early delivery, but very few goods are available. Bleached cottons are irregular and quiet.

Quotations are as follows:

Pr't cloths, 28-in., 64x64s..	17½
Pr't cloths, 28-in., 64x60s..	17
Pr't cloths, 27-in., 64x60s..	16½
Gray g'ds, 38½-in., 64x64s..	26½
Gray g'ds, 39-in., 68x72s..	26½
Gray g'ds, 30-in., 80x80s...	33
Brown sheetings, 3-yd. ...	30
B'n sheet'gs, 4-yd., 56x60s..	27½
B'n sheet'gs, So. standard..	31
Tickings, 8-ounce	55
Denims, 2.20	47½
Stand. staple gingham...	27½
Dress gingham	35
Standard prints	21
Kid finished cambrics....	20

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SOUTHERN OFFICE, 614 Commercial National Bank Building
CHARLOTTE, N. C.

The Automatic Blower and Sweeper

For

Textile Mills

Manufactured
By

H. E. Clark
Mfg. &
Foundry
Co.

BOX 372

Atlanta, Georgia

Foundry and Machinists
High Grade Castings a Specialty



for the Sweeping
of the alleys and
under the frames
in the Spinning,
Spool and Twister
Rooms. It soon
pays for itself in the
saving of labor and
brooms.

The Yarn Market

Philadelphia.—The local market is now about as near bare of yarns as it has ever been in history. Few yarns houses have anything. Few yarns houses have anything except odds and ends to sell. There is no assurance as to when it will be possible to get yarn supplies through by rail, and the only deliveries attempted are for comparatively short hauls.

On the other hand, although some mills have been closed by yarn shortage, the trade, in general, appears to have sufficient raw material for present needs, at least. This is indicated by the absence of any large volume of inquiry.

A good many yarn houses have temporarily given up fighting for business. Salesmen have either been called in from out of town sections or will be very soon. The tendency seems to be becoming more prevalent here to concede that depression among manufacturers is more serious than was believed to be the case. With transportation, financial and labor difficulties multiplying, and the country apparently in the preliminary stages of a reversion to economy, it is admitted that the mills cannot be blamed for refusing to buy yarns.

The wonder to many is the continued strength evidenced by cotton yarns and cotton goods. In so far as poundage is concerned, most of the dealers report that buying is negligible, and yet there are price advances forthcoming at the slightest indication of anything approaching concerted demand for any individual count. Examples of this include sales of 16s single carded skeins at 80 to 82 cents and 20s single carded warps at 93 to 95 cents a pound.

The extent to which pressure for supplies is developing is demonstrated by the fact that more mills are reported today as having temporarily shut down, while others are making strenuous efforts to haul their own raw materials. One customer of a local house brought a light motor truck all the way here from Canada early this week, and is now on his way home with about 3,000 pounds of yarn.

All this time the South is stocking its current production. But, as it is practically all sold, there is no indication of uneasiness among Southern spinners, who appear to be watching cotton a good deal more closely than what is taking place in some other branches of the textile industry, as, for example, the remarkable deflation which has already occurred in silks and the seriously unsettled position of low wools and some woolens.

There is only very moderate inquiry reported, and very few sales. But, in spite of this, business disclosed firmer prices in about a dozen counts scattered through the list. Carded 40s-2 skeins, warps and tubes are 5 to 10 cents a pound higher in late sales, skeins touching \$2.10 and warps and tubes \$2.15, with none to be had, apparently, at the

former price of \$2.

The same trend is evident in 36s and 40s Northern mule spun combed peeler cones, which are selling up to \$2.10 and \$2.25, respectively. In carded knitting yarns, 22s frame-spun cones have advanced a cent, with similar upturns in 24s and 26s, and \$1.05 reported as a flat price for all 30s tying-in yarns of the grade which, until today, could have been obtained for \$1.

SOUTHERN 2-PLY CHAIN WARPS, ETC.
6s to 10s....75 a78 2-ply 26s....1 12a1 15
12s to 14s....83 a.. 2-ply 30s....1 30a..
2-ply 16s....90 a.. 2-ply 40s....2 25a2 40
2-ply 20s....95 a98 2-ply 50s....2 60a..
2-ply 24s....1 10a..

SOUTHERN TWO-PLY SKEINS.
6s to 10s....73 a75 30s....1 30a..
10s to 12....78 a.. 40s....2 25a2 40
14s....88 a.. 50s....2 75a..
16s....90 a.. 60s....2 80a2 90
20s....95 a.. Upholstery
24s....1 08a.. Yarns—
26s....1 12a.. 8s.3 & 4-ply.65 a66

DUC KYARN.
3, 4 & 5-ply skeins—3, 4 & 5-ply skeins—
8s....74 a.. 16s....90 a..
10s....78 a.. 20s....98 a..
12s....79 a..

SOUTHERN SINGLE CHAIN WARPS.
6s to 12s....76 a78 24s....1 30a1 10
14s....82 a.. 26s....1 10a1 15
16s....85 a.. 30s....1 25a..
20s....93 a95 40s....2 00a2 25
22s....96 a..

SOUTHERN SINGLE SKEINS.
6s to 8s....76 a.. 20s....93 a..
10s....78 a.. 22s....94 a..
12s....80 a.. 24s....1 05a..
14s....82 a.. 26s....1 10a..
16s....83 a.. 30s....1 25a..

SOUTHERN FRAME CONES.
8s....75 a.. 20s....84 a..
10s....76 a.. 22s....85 a..
12s....77 a.. 24s....90 a..
14s....78 a.. 26s....92 a..
16s....79 a80 30s....1 00a..
18s....80 a.. 30s extra...1 05a1 10

COMBED PEELER CONES.
10s....1 16a.. 28s....1 45a..
12s....1 18a.. 30s....1 49a..
14s....1 20a.. 32s....1 53a..
16s....1 22a.. 34s....1 58a..
18s....1 24a.. 36s....1 88a..
20s....1 27a.. 40s....2 10a..
22s....1 29a.. 50s....3 15a..
24s....1 34a.. 60s....3 35a4 60
26s....1 38a..

National Association Convention.

(Continued from Page 6.)

The remainder of the session was devoted to the schedule topic, "The Growing and Handling of Cotton," with Albert G. Duncan presiding.

Albert L. Scott, Boston, urged work along the lines of stimulating good will between the growers and consumers, interpreting the grower's side to the manufacturer and vice versa, to the end that a mutual spirit of goodwill and understanding should be not only aroused, but should be developed, and maintained.

Improved Rice Dobby Chain



reduces broken bars to a minimum because the wire eyes do not break into the side walls of the peg holes. The eyelets are fastened so securely that they cannot work loose.

Rice Dobby Chain Co.
Millbury, Mass.

Send Us Your Order To-day

Knit Goods

Philadelphia.—Unless a bare foot movement follows the "overall" protest against the high cost of wearing apparel, there seems to be no reason to fear a serious falling off in demand for lisle and cotton hosiery on the part of the buying public.

Paris saw an overnight demonstration against the high prices of hosiery when shop girls appeared in the Rue de Rivoli and other prominent thoroughfares stockingless. Such a state of affairs is unlikely to be reached here unless the public is "brow beaten and pickpocketed" into sullenness and adopts a stubborn attitude toward the counters of the retailers.

Although lisle hosiery is now selling at an increase of about 500 per cent over the prices in 1915, and silk hosiery has advanced only about 300 per cent, nevertheless the lisle hosiery market still constitutes the more popular field. People are looking twice at their dollar before they see it pass into the till of the merchant. If 65 or 75 cents will buy a good pair of lisle socks men will continue to hesitate before they pay anywhere from \$1.15 to \$2.50 and up for a pair of silk hosiery.

It is admitted that jobbers of lisle and cotton hosiery have been quiet for the past three months. This condition has not depressed the primary market, which looks for very lively business activities during the next few months, going on the assumption that if conditions remain at their present status there will be a stable demand for cotton and fine lisle goods.

The rumor that merchants and jobbers are not well stocked up has not been proved conclusively. From a jobber's report it appears that they have only 62 per cent as much merchandise in stock now as they had in the spring of 1919. The jobbers in cotton hosiery have been trying to convince the banks that more liberal credit terms should be granted if they are going to keep the manufacturers busy with orders and their stocks up to normal. The banks are listening to their overtures in a lethargic mood, believing that undue sums are needed to keep stocks high. In short, they are not prone to promote business at present rates.

Manufacturers say that yarns are on hand in plentiful quantities and they are only waiting for an appearance of some sort of demand when they will weave on the strength of future business. The consequence is that manufacturers are not approaching jobbers for orders. They feel confident that sales will be concluded without undue solicitation when the public commences its summer buying.

Hartsville Mills to Share Profits.

Hartsville, S. C.—Much is appearing in the daily press with reference to the large dividends being paid to stockholders of cotton mills. Soon a report from the Hartsville Cotton

Mill will be made public, showing how the industrial democracy plan instituted by the president, C. C. Twitty, January 1 the retroactive to October 1 is working. The six months' profit to be divided between stockholders and employees will soon be distributed. This correspondent called on President Twitty a few days ago. He is a reserved man and measures his words carefully but sufficient information was gained to cause the inference that the plan thus far is working satisfactorily.

Mr. Twitty put the plan which he calls "industrial democracy" into working order at both the Darlington Manufacturing Company and the Hartsville Cotton Mill about the same time. He began at Darlington on October 1, but dating back the institution of the idea here three months, will make the distribution for both mills come off at the same time. The operatives have a board of directors among their number and they are interested in what they are to receive. The operatives are receiving peak prices for their work and stimulus provided by the profit sharing idea has contributed wonderfully to their interest in their work.

Conditions at the Hartsville Cotton Mill are approaching the ideal. All homes have been remodeled and repainted. New houses have been built. A grandstand is soon to be built on the baseball grounds. A park will at an early date be provided for the recreation of women and children. The Y. M. C. A. is increasing its activities. The school in the mill village is being well attended. At each home there is a nice garden. The premises are neatly kept.—Columbia State.

ENGINEERS PLANNING POWER TRANSMISSIONS
Secure Data and Estimates of "MORSE" DRIVES
SAVE Construction, Space, Light, Fuel, Producing More with Less.
MORSE CHAIN CO., ITHACA, N. Y.
Engineering Services, Assistance, Bulletins
Atlanta Charlotte Baltimore
Philadelphia

FILTERS

Careful and dependable engineering, manufacture and erection.

Norwood Engineering Co.,

Florence, Mass.

Charles M. Setzer,

Southern Representative,

Charlotte, N. C.

M E R R O W I N G

Established 1838

FOR—

Stocking Welting
Toe Closing
Mock Seaming

Maximum Production
Minimum Cost of Upkeep
Unexcelled Quality of Work

THE MERROW MACHINE COMPANY

20 Laurel Street, Hartford, Conn.

There's a Felton Brush for Every Use in The Mill



We refill Spiral top flat cylinder brushes and can give prompt service



D. D. FELTON BRUSH CO.

S. A. FELTON & SON CO.,
Manchester, N. H.

ATLANTA, GA.

Southern Hosiery Mills

famed for the quality of their product use for Sulphur Black Dyeing

"AMALIE" SULPHO TEXTOL OIL

highly recommended for light shades as well, and can be used either direct in the dye bath or in the last rinse, or both.

"AMALIE" SULPHO TEXTOL OIL

greatly enhances the shade or color and produces a maximum degree of softness.

Send for barrel on approval with special formula.

L. Sonneborn Sons, Inc.

Textile Products Division

262 Pearl Street

New York City, N. Y.

THE GREATEST IMPROVEMENT MADE IN COTTON SPINNING IN QUARTER OF A CENTURY

The Richards-Hinds Light Running Rolls

Over 850,000 Spindles Equipped to Date

Guaranteed Claims

Cockley Yarn Preventor

Less Change of Roll Settings

Extra Strength of Yarn

Reduced Cost of Spinning

Less Waste

One-third Saved on Leather Covered Rolls

Greater Production

Better Spinning with Improved Product

All machine builders are agents and will quote prices for new work.

Also for prices and particulars write to

The Metallic Drawing Roll Company

Indian Orchard, Mass.

Want Department

If you are needing men for any position or have second hand machinery, etc., to sell the want columns of the **Southern Textile Bulletin** affords the best medium for advertising the fact.

Machinery Wanted.

A new mill now under construction would like to communicate with some mill having 4x8 speeders and 5½x11 slubbers for sale. We would like to buy these for delivery any time before January, 1921. Address New Mill, care Southern Textile Bulletin.

Wanted

Two Complete Roll Covering Outfits, New or used

The Mill Supply Co. Inc
Greenville, S. C.

For Sale.

120 feet 3 inch pipe.
100 feet 1½ inch pipe.
375 feet ¾ inch pipe.
And fittings for Slasher Sizing System.
Approximately:
700 feet 12 inch
175 feet 30 inch
50 feet 36 inch
Galvanized Exhaust Pipe for carrying dust from pickers and
Apply Ira R. Hayes, Supt.
Loray Mills, Gastonia, N. C.

We have for immediate delivery 6,000 spindle equipment including all supplies.

Southern shipping point

Atlanta Textile Machinery Co.
Atlanta, Ga.

Looms For Sale

192 40 inch Stafford Automatic Looms. Delivery, May, June and July. Splendid condition.

HENRY H. ORR

315 Palmetto Bldg., Greenville, S. C.

Attention, Selling Agent.

Are you fully satisfied that you are using a correct manufacturing cost? Wouldn't it be wise to employ an expert? Address A. B. C. D., care Southern Textile Bulletin.

Dyeing Machine For Sale.

We have for sale one modern Sargent Raw Stock Drying Machine, 60 feet long, capacity 600 to 1,000 pounds per hour. Cheap for prompt shipment.

Lanett Cotton Mills,
West Point, Ga.

Loom Fixers.

Want two good Jacquard loom fixers for night work, pay \$35.00 per week. Two good fixers for day work at \$32.50 per week. Fidelity Manufacturing Company, Charlotte, N. C.

Machinery For Sale.

1600 Draper Model E Looms 36-inch to 44-inch. Partial delivery could be made at once.
4 H. & B. Slashers.
Address P. O. Box 788, Pawlucket, R. I.

Wanted

5,000 spindle spinning equipment complete, coarse yarns preferred.

Hunter Machinery Company
Marion, N. C.

Free Service Department

Any mill in need of superintendent, overseer, second hand, loom fixer, card grinder or any class of men other than operatives may insert a notice in this column for two weeks, free of charge. If the name of the mill is not given and the answers come care Southern Textile Bulletin, the cost of stamps used in forwarding replies must be paid by the advertiser.

Wanted.

At the Gambrill & Melville Mills Co., Bessemer City, N. C., a practical man to take charge of the slashing, Barber-Coleman knitter, drawing in of warps, putting warps in the looms. Also the checking of the warps as they run out. In all he looks after six hands and is required to keep the looms supplied with warps. Must be a sober, decent gentleman. Address Gambrill Mills Co., Bessemer City, N. C.

Want to correspond with a damask and doiley weaver that would be willing to take a small amount of stock and act as boss weaver and assistant superintendent of a small damask mill to be built in a good town. Address Damask Weaver, care Southern Textile Bulletin, Charlotte, N. C.

Card Grinder.

Want good card grinder for new mill with 34 cards. Pay satisfactory. Address Good Grinder, care Southern Textile Bulletin.

Wanted Band Instructor.

The Erwin Concert Band of Cooleemee, N. C., wants competent and experienced band instructor. Would prefer to get man who works in mill and could instruct band two or three evenings a week. Good money to the right man. Write giving band and mill experience to E. N. Carter, Box 21, Cooleemee, N. C.

Wanted.

A man that can organize and teach a brass band and that can work in the mill. State age, experience, salary expected and work preferred with references. For further information apply to Enoree Mills, Enoree, S. C.

For Sale.

One (1) 8,000 H. P. C. & G. Cooper Company's high and low pressure condensing engine. In excellent condition. Can be seen running. Address, Loray Mills, Gastonia, N. C.

Wanted.

Several good loom fixers to start up section of Stafford Automatic Looms with Jacquards on cotton damask. Reply giving experience, reference and wages wanted to "Damask," care Southern Textile Bulletin.

Carder and Spinner.

Wanted: An overseer of carding for small room. Man must be able to get good results. Job pays \$25.00 per week, night work, overseer for spinning, small job, pays \$25.00 per week, night work. Apply to J. L. Channell, Supt., Madrid Cotton Mill Co., Madrid, Ala.

Want to correspond with a cord and flat duck tire weaver who would be willing to take some stock in a new automobile tire duck mill and act as boss weaver and assist superintendent. Write Duck Weaver, care Southern Textile Bulletin, Charlotte, N. C.

Master Mechanic.

Wanted —Master mechanic for large city cotton mill. Wire or write Maginnis Cotton Mills, New Orleans, La.

Wanted.

Wanted — Overseers Spinning, Carding, Weaving, moderate size mill, coarse yarn. Applicants must have proper educational qualifications, be thoroughly experienced and capable and above all loyal to the interest of their employer. An exceptional opportunity for the right men. If you are looking for an opportunity to better your financial condition do not fail to answer this advertisement. Those interested address Southern Textile Bulletin, giving full particulars regarding themselves, also reference as to character and ability. Address S. M. C., care Southern Textile Bulletin.

Hosiery Mill Superintendent.

Want experienced superintendent for hosiery mill in Piedmont Carolina. Must understand knitting, dyeing and finishing. Reply giving experience and reference to "Carolina," care Southern Textile Bulletin.

IF YOUR SPINNING IS NOT PERFECT, WE CAN IMPROVE IT

National Ring Traveler Company

Providence, R. I.

Southern Representative:
C. D. Taylor, Gaffney, S. C.

EMPLOYMENT BUREAU

The fee for joining our employment bureau for three months is \$2.00 which will also cover the cost of carrying a small advertisement for one month.

If the applicant is a subscriber to the Southern Textile Bulletin and his subscription is paid up to the date of his joining the employment bureau the above fee is only \$1.00.

During the three months' membership we send the applicant notices of all vacancies in the position which he desires.

We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern Textile Industry.

WANT position as overseer spinning by young man. Can furnish good reference from all former employers; have been on present job as overseer spinning five years, but would change for larger job. Experienced on numbers from 3's to 26's warp and hosiery yarn. Address No. 2678.

WANT position as overseer of spinning. Have had eighteen years experience on all grades of cotton yarns. Am 34 years of age. Married and can furnish reference. Address No. 2679.

WANT position as superintendent of yarn mill of from 4,000 to 15,000 spindles. Have had 15 years experience as carder and spinner on fine and coarse yarns and can give good reference from present employer. Address No. 2680.

WANT position as overseer of carding in North Carolina or Virginia on white or colored work. Thirty-four years old and can give good reference. Address No. 2681.

WANT position as superintendent of spinning mill by man with experience on most all kinds of yarns and can furnish excellent reference. Address No. 2682.

WANT position as superintendent of yarn or weave mill of 10,000 spindles or more. Now employed as superintendent and can furnish reference as to character and ability. Address No. 2683.

WANT position as superintendent or carder in large mill. Now giving satisfaction as superintendent of two mills in different cities and on account of having to be away from family would like to make change. Address No. 2684.

WANT position as superintendent, preferably in North Carolina. Must pay at least \$3,500 a year to begin. Have never been superintendent but thoroughly understand operation of mill and can back up statements with doing. Can get production. Address No. 2685.

WANT position as overseer of carding in large mill or carding and spinning in medium size mill. Can furnish good reference. Address No. 2686.

WANT position as superintendent on white or colored work or overseer of large weave room. Have been superintendent for 20 years and can furnish best of reference. Address No. 2687.

WANT position as superintendent or manager of cotton mill in Piedmont Carolina. Can furnish reference. Address No. 2688.

WANT position as overseer of spinning. Now employed as overseer of spinning and twisting and can furnish best of reference. Address No. 2689.

WANT position as superintendent or overseer of carding in large mill. Can furnish reference as to ability and character. Address No. 2690.

WANT position as overseer of carding by experienced mill man now employed but want larger job. Address No. 2692.

WANT position as superintendent or overseer of spinning if salary is large enough. Resigned former place on account of health but now fully recovered and ready to come promptly. Good reference as to character and ability. Address No. 2693.

WANT position superintendent of mill of from 10,000 to 30,000 spindles. Experienced on hosiery yarns and can furnish excellent references. Address No. 2695.

WANT position as carder at not less than \$50 per week. Age 32. Christian. Can

furnish references and will prove ability if given trial. Address No. 2696.

WANT position as superintendent by practical carder and spinner and carder. Just finished correspondence course on weaving. Address No. 2697.

WANT position as overseer of spinning. Now employed but want large room. Experienced on long and short staple, fine and coarse yarn, married. Good manager of help and can furnish reference. Address No. 2698.

WANT position as overseer of spinning or superintendent of small yarn mill. Can furnish references as to character and ability. Address No. 2700.

WANT position as overseer of weaving by good man with 31 years experience in mill, 12 as overseer. Prefer white work on Draper looms. Address No. 2702.

WANT position as overseer of carding in North Carolina mill. Can furnish good references as to character and ability. Address No. 2703.

WANT position as overseer of weaving on Draper looms running sheetings and. Have had 12 years experience in weave room. Now second hand in large mill. Can furnish good reference. Address No. 2705.

WANT position as superintendent of yarn mill or overseer of carding and spinning in large mill. Now employed as superintendent of small mill but wish to make change. 28 years old. Good reference. Address No. 2706.

WANT position as overseer of weaving by man with long experience on ducks, drills, twills, and sheeting. 18 years experience on Draper looms. Married. 39 years of age, and strictly sober. Now employed as overseer but for personal reasons would like change. Address No. 2707.

WANT position as overseer of weaving. Have worked in mill for 27 years and have had 25 years experience as overseer and fixer. Can furnish best of reference. Address No. 2708.

WANT position as overseer of card room by a hustler who can get results. Would take road job on good mill specialty. Address No. 2709.

WANT position as overseer of carding and spinning. Can furnish reference if wanted. Now employed as night spinner but want day work. Address No. 2710.

WANT position as master mechanic in good mill. Excellent references. Address No. 2711.

WANT position as overseer of cloth room by man with 10 years experience. Would not consider less than \$35 per week. Address No. 2712.

WANT position as superintendent of good mill. Long experience and can furnish reference. Address No. 2713.

WANT position as overseer carding by man with long experience on white and colored work. Married man 36 years old. Have had 15 years experience in card room. Strictly sober. Am holding position as overseer in card room at present. No cause for change except want better job. Can give good reference if wanted. Address 2714.

WANT position as overseer of weave room. Good reference as to character and ability. Address No. 2716.

WANT position as assistant superintendent or spinner or carder in large mill. Now employed but would like to change. Address No. 2719.

WANT position as overseer of weaving by married man, age 40. Have been working in weave room for 25 years. 7 years as overseer. Experience on all kinds of looms. Now overseer but want larger room. Address No. 2720.

WANT position as overseer of spinning in medium size mill. Married, 26 years old, 6 years experience as second hand and night overseer on Nos. from 20s to 100s. Want day job. Address No. 2721.

WANT position as superintendent of large mill. Have had long experience on all kinds of work and can give satisfaction. Address No. 2722.

WANT position as bookkeeper for cotton mill. Experienced double entry bookkeeper and general office man. Good

reference as to character and ability. Address No. 2723.

WANT position as superintendent or overseer of spinning in large mill. Have good record and can furnish reference. Address No. 2724.

WANT position as overseer of weave room. Good reference as to character and ability. Address No. 2725.

WANT position as overseer of weaving or second hand in large room with prospects of something better. Prefer good Draper loom job. 23 years practical experience. Address No. 2726.

WANT position as overseer of card room by man with 14 years experience as overseer. Good manager of help. Must be large room or would take superintendents job. Can make change quick. Present location is only reason for change. Address 2727.

WANT position as superintendent of spinning mill or plain weave mill. Long experience on both carded and combed yarn. Reference from past and present employers. Address No. 2728.

WANT position as superintendent or overseer of spinning in large mill. 38 years old, married, 12 years as overseer. Bes of reference. Address No. 2729.

WANT position as chief engineer of master mechanic or both. Thoroughly experienced on steam, electric and water. 18 years practical experience and 3 years in college. Address No. 2730.

WANT position as superintendent of yarn mill or overseer of carding. Would consider new mill and take some stock in same. Address No. 2731.

WANT position as superintendent by man with long practical experience and good character. Can produce the goods. Address No. 2732.

WANT position as superintendent by man with experience on all kinds of work. Good manager. Can furnish best of reference. Address No. 2733.

WANT position as overseer of carding in large mill, or carding and spinning in medium size mill or superintendent of small mill that pays fair salary. At present overseer of carding. Good reasons for change. Address No. 2734.

WANT position as superintendent of yarn mill anywhere in South that needs a hustler that can hold help and get results. Now overseer of carding and spinning. Age 35. Address No. 2735.

WANT position as superintendent of yarn mill. Have had experience on various kinds of work and am thoroughly competent. Can hold help and know what production is and can get it. Address No. 2738.

WANT position as master mechanic and electrician. Experienced in all kinds of shop work and power. Good reference. Address No. 2739.

WANT position as carder or spinner in large mill or carder and spinner in small mill. Address No. 2740.

WANT position as overseer of carding by man with experience and ability to get production. Good reference. Address No. 2741.

WANT position as superintendent of ing. Now employed but want to get on combed and carded yarns and weaving. No unemployed but want to get back in Carolinas. Address No. 2742.

WANT position as carder in large mill or carder and spinner in small mill. Good reference as to character and ability. Address No. 2743.

WANT position as overseer of spinning. Married. 33 years old. Good manager of help and a hustler for production. Can get good help and hold it. Address No. 2744.

WANT position as superintendent of weaving or yarn mill, or overseer of carding in large mill. Have been overseer of carding for some time but resigned for good reasons and have reference from all employers. Can come at once. Address No. 2745.

WANT position with progressive mill that has good village and doing welfare work. Now office man doing work from making out pay rolls to financial reports. Have sister who is experienced welfare worker. Would like to locate in Carolinas with large mill keeping up to date in methods and can use

both of us in our respective lines. Willing workers and can give satisfaction and service. Address No. 2746.

WANT position as electrical graduate, 15 years experience installing, operating, testing, inspecting, maintenance and repair of switchboards, generators, motors, speed controllers, etc., selecting electrical equipment, handle labor, all kind wiring work for light and power service. Desire responsible position as electrical engineer, electrical supt. or chief electrical. Married, age 36 years. Employed, but available on short notice. State salary for man competent to take complete charge of electrical department. Address No. 2748.

WANT position as overseer of carding or spinning in large mill or both in small mill or superintendent. Energetic young man with experience in two or three large mills. Good reference. Address No. 2747.

WANT position as assistant superintendent or assistant manager of cotton mill. Have high technical education in textile manufacture and valuable experience in a managerial capacity. Address No. 2749.

WANT position as overseer of weaving or superintendent. Reference as to character and ability. Address No. 2750.

WANT position as superintendent of good mill by man now employed and giving satisfaction but for good reasons wish to make change. Address No. 2751.

WANT position as superintendent or overseer of spinning in good mill in Carolinas or Virginia. Now employed as superintendent in far Southern mill and want to get back near home on account of health. Good reference. Address No. 2752.

WANT position as superintendent of medium size mill. Now employed but wish to change for good reasons. Can furnish reference if wanted. Address No. 2753.

WANT position as assistant superintendent of large mill or manager or superintendent of small mill. Long practical experience and graduate of Cal. Tech of 1911. References from past employers. Address No. 2754.

WANT position of superintendent of either yarn or weaving mill. 39 years of age. Experienced on 8s to 80s. Combed and carded yarns. Can furnish best reference. Now employed would like to correspond with parties needing a good man. Address No. 2756.

WANT position as pay-roll clerk in large textile mill by a young man. Married. With five years practical experience, thoroughly conversant with production records of varied sizes of hank-roving and yarns, can operate a comptometer. Address No. 2757.

WANT position as superintendent of small or medium size yarn mill. I have sixteen years experience as overseer of carding and spinning, twisting, winding, ruling, etc., and have eight years experience as superintendent. I would consider an overseers position. Am experienced on coarse and fine numbers, on white and colored yarns. Can furnish best of reference as to character and ability. I am 46 years old and have a family. Address No. 2758.

WANT position as overseer of weaving in good mill. Now employed and giving satisfaction but want larger room. Address No. 2759.

WANT position as overseer of weaving. Now employed and getting over 100% production with less than 1% seconds. Want larger job and can furnish best of reference. Address No. 2760.

WANT position as superintendent of either yarn or plain weaving mill or as carder and spinner. Am now employed and giving satisfaction and have had long experience on both carding and spinning. Good references. Or dress No. 2761.

WANT position as overseer of spinning in 30,000 or 40,000 spindle mill. Have had 12 years experience as overseer. 39 years of age, married and can furnish best of reference. Address No. 2762.

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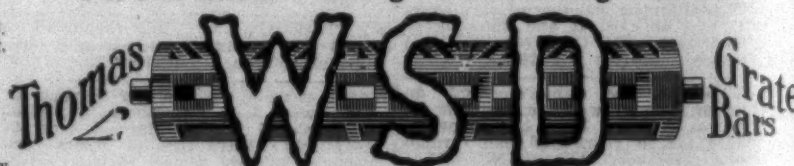
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Saco-Lowell Shops

ROLLS—

American Supply Co.
The Whittin Machine Works
Metallic Drawing Roll Co.
Saco-Lowell Shops
Southern Spindle & Flyer Co.

ROOFING PAINT—

Detroit Graphite Co.
Peaslee-Gaubert Co.
Johnson Paint Co.
Walraven Co.

ROLLER BEARINGS—

Hyatt Roller Bearing Co.
Allen Spindle Corporation

ROLLER CLOTH—

Hitchcock, F. C., Company

ROOFING—

Atlanta Gas Light Co.
Walraven Co.

ROVING CANS AND BOXES—

American Vulcanized Fiber Co.
Rogers Fibre Co.
Standard Fibre Co.

ROVING MACHINERY—

Whittin Machine Works
Saco-Lowell Shops

SADDLES—

Dixon Lubricating Saddle Co.

SANITARY FOUNTAINS—

(See Drinking Fountains)

SCALES—

American Kron Scale Co.
Toledo Scale Co.

SCOURING POWDERS—

Champion Chemical Co.

SEWING MACHINES—

Merrrow Machine Co.

SEPARATORS—

Draper Corporation

SHAFTING, HANGERS, ETC.—

(See Power Transmission Machinery).

SHELL STITCH MACHINES—

Merrrow Machine Co.

SHRUBBERY—

J. Van Lindley Nursery Co.

SHUTTLES—

Draper Corporation

SHUTTLE SHUTTLE CO.

David Brown Co.

SIZING COMPOUNDS—

Allen, Charles R.
Atlantic Dyestuff Co.
Arabol Mfg. Co.
Bosson & Lane
Carolina Sizing & Chemical Co.

STEIN, HALL & CO.

United Chemical Products Co.

JOHN P. MARSTON

A. Klipstein & Co.

H. A. METZ & CO., INC.

New Brunswick Chemical Co.

SEYDEL MFG. CO.

Spartan Sizing Compound Co.

JAQUES WOLF & CO.

Wm. C. Robinson & Sons Co.

L. SONNEBORN SONS CO.

National Gum & Mica Co.

MASURY YOUNG CO.

Hine Bros.

SOFTENERS—COTTON—

Stein, Hall & Co.

UNITED CHEMICAL PRODUCTS CORP.

Arabol Mfg. Co.

BOSSON & LANE

New Brunswick Chemical Co.

JAQUES WOLF & CO.

Wm. C. Robinson & Sons Co.

L. SONNEBORN SONS CO.

H. A. Metz & Co., Inc.

THE SEYDEL MFG. CO.

STEAM REGULATORS—

Link-Belt Company

SILENT CHAIN DRIVE—

Link-Belt Company

MORSE CHAIN COMPANY

SOAPS—

United Chemical Products Corp.

Wm. C. ROBINSON & SON CO.

Dobbins Soap Mfg. Co.

L. SONNEBORN SONS, INC.

Seydel Mfg. Co.

NEW BRUNSWICK CHEMICAL CO.

A. Klipstein & Co.

JAQUES WOLF & CO.

H. A. Metz & Co., Inc.

STEAM TRAPS—

Farnsworth Co.

POWER REGULATOR COMPANY

STRAPPING LEATHER

New York Leather Belting Co.

SOLDERLESS CONNECTIONS, Frankel

Westinghouse Electric & Mfg. Co.

SPINDLES—

Allen Spindle Corporation

THE WHITTIN MACHINE WORKS

Easton & Burnham Mach. Co.

DRAPER CORPORATION

Southern Spindle & Flyer Co.

SPINDLE REPAIRERS—

Carolina Steel Roller Shop

SPINNING RINGS—

Pawtucket Spinning Ring Co.

THE WHITTIN MACHINE WORKS

Draper Corporation

WHITINVILLE SPINNING RING CO.

SPINDLE TAPE AND BANDING—

American Textile Banding Co.

BARBER MANUFACTURING CO.

SPOOLS—

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DANA S. COURTNEY CO.

Ivey Manufacturing Company

GREENVILLE SPOOL & MFG. CO.

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SPOOLERS—

Easton & Burnham Mach. Co.

DRAPER CORPORATION

Saco-Lowell Shops

WHITTIN MACHINE WORKS

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UNITED CHEMICAL PRODUCTS CORP.

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CORN PRODUCTS REFINING CO.

Keefer Starch Co.

SWEEPERS—

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TALC—

Oliver Quartz Co.

TANKS—

Walsh & Weldner Co.

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TELEPHONES, AUTOMATIC—

Screw Machine Products Corp.

TEMPLES—

Draper Corporation

TESTERS—

(See Yarn Testers)

TEXTILE MACHINERY SPECIALTIES

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HERMOMETERS—

Power Regulator Company

TAGLIABUE MFG. CO.

WISTERS—

Universal Winding Co.

FALES & JENKS MACH. CO.

Collins Bros.

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Montgomery & Crawford.

WALRAVEN CO.

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MORSE CHAIN CO.

TRAPS—

Farnsworth Company

POWER REGULATOR COMPANY

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WARPERS—

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DRAPER CORPORATION

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Draper Corporation

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Link-Belt Company

WATER FILTERS—

Norwood Engineering Co.

WATER PURIFIERS—

Norwood Engineering Co.

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Dodson Co.

WELDING OUTFITS—

General Electric Company

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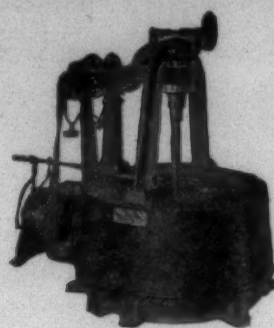
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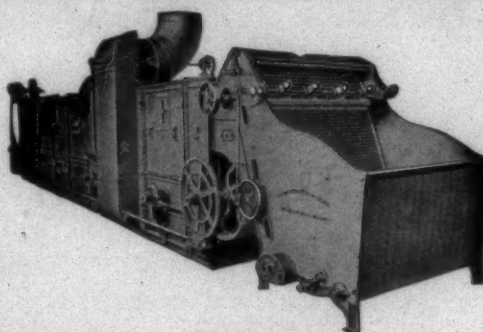
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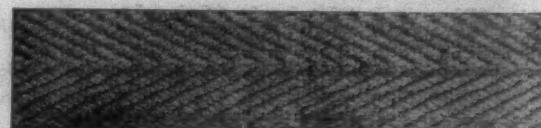
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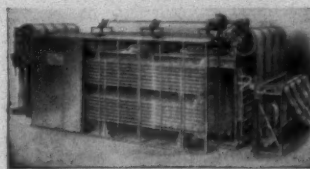
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